AN ATLAS OF INDIA

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Chief Cartographer : P. Poovendran

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The administrative headquarters of Chandigarh, Haryana and Punjab are at Chandigarh.
The boundary of Meghalaya shown on this map is as interpreted from the North-Eastern Areas (Reorganisation) Act, 1971, but has yet to be verified.

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INTRODUCTION

An Atlas of India is an exhaustive reference work on India and its states. This comprehensive volume forms a splendid companion to *A Social and Economic Atlas of India* (OUP 1987).

In this atlas, each state and union territory of India has been allotted nine maps. These have been drawn to varying scales depending upon the data available and the facts to be presented for each region. There is, however, a uniformity in the depth and detail of information provided in each map. The data presented have been indexed to the year 1989 to facilitate compatibility and analysis. Projections of data may introduce a small degree of error, but this is more than compensated for by facilitating the cross comparison of maps.

The Main Maps

The nine maps for each state or union territory deal with the following subjects: (1) physical features, (2) administration, (3) urban and rural population, (4) transport and tourist centres, (5) agriculture and irrigation, (6) industries and market potential, (7) mineral resources, (8) economic development, and (9) audio-visual mass communication.

1. The Physical map of each state depicts the main rivers and lakes, and the important peaks, hill ranges and plateaux. Regional topography is immediately apparent because of the use of a broad spectrum of colour and tones. Plains are shown in shades of green, while raised terrain appears in shades of yellow and orange. Mountainous areas are portrayed in distinctive browns and violets.

2. The Administration map is a special feature of this atlas. It provides detailed information down to the smallest administrative level, namely, the *taluk* or *tehsil*. Where *taluk*-wise information is not readily available, district-wise information has been used. The district boundaries are based on information available in 1989, but the information superimposed on each district is based on the 1981 configuration. (District boundaries for seven districts — five in U.P., and one each in Assam and Arunachal Pradesh — are not available.) Several districts formed between 1981 and 1989, were parts of bigger districts in 1981. At the time of the 1981 census there were 412 districts. In 1989 there were 449 districts, of which 442 are marked on the maps. The *taluk* boundaries, however, have been drawn in accordance with the 1981 census. In the administration maps, *taluk* headquarters have been plotted even where information about the *taluk* boundaries is not available.

3. The Population map includes every town estimated to have a population of more than 10,000 in 1989. Rural centres with populations estimated at more than 10,000 in 1989 have also been included, wherever government and census information supports the data. However, because of absence of government data and published census information, it has not been possible to plot *every* village in this category.

All population projections are estimates for 1989, based on the 1981 census figures. Estimated growth, based on the compound annual rate of growth from 1971 to 1981, has been used to arrive at the estimated populations for 1989. Only for Assam has the 1989 projection been based on the 1961-71 growth rate. For the state of Sikkim, which joined the Union of India in 1975, India's average growth rate has been used to calculate the projected population.

The colour scheme is an additional indicator of the rural or urban base of a particular state. The density of rural population by district has been estimated for 1989, again using estimated growth based on the compound annual rate of growth from 1971 to 1981. The editors have used district data for density, as statistics for all *taluks* were not available.

The Census of India classifies all towns with populations over 100,000 as Class I towns. In this atlas, the information regarding Class I towns has been further divided into four categories on the basis of population to provide a more accurate picture of the urban population in each district. All towns with populations over 250,000 are also listed.

4. The Transport and Tourism map shows all national highways, major roads, major railways, as well as all ports officially classified as major and minor. Road and railway links to important tourist destinations have also been included. A separate map of India shows the location of all civil airports.

All places of tourist interest recognized by the Government of India's Department of Tourism have been indicated in large type. Towns shown in smaller type are either road or railway junctions. Tourist centres have been broadly classified into archaeological sites, which include sites of ruins, excavations etc.; historical sites which include those of important battles and other events, old monuments, palaces and forts; religious centres which cover shrines of all faiths, ashrams etc.; hill stations, which are summer holiday resorts in the hills; holiday resorts, which include holiday facilities by the side of parks, reservoirs, hot springs etc.; wildlife sanctuaries which include national parks and tiger projects; the important beaches; and lakes or reservoirs which include waterfalls and other water bodies. However, these classifications at times overlap.

5. The Agriculture map shows the most important crop (based on annual production) grown in each district. A distinctive pattern of crop belts is obtained by the effective use of colour. Districts which contribute the most to the total production in the state of a particular crop are shown in darker shades of a colour. Districts with a lighter shade of colour contribute less to total state production of the crop.

Any other important crops grown in a particular *taluk* are shown on the map with symbols. Where *taluk*-wise information has not been available for other important crops, district-wise information is given.

This map also shows irrigated areas in each district and names the existing irrigation projects and those under construction.

6. The Industries and Markets map locates every important industrial centre in the state. These are the centres which have major industrial units with sales of over Rs 10 million each. Centres where major manufacturing projects with an investment of more than Rs 50 million were still in the process of being implemented in 1985 have also been included in this category.

The major industrial centres shown in this map are indicated by a prominent symbol. These centres have virtually *all* the categories of industry found in scattered locations elsewhere in the state.

The *Annual Survey of Industries* has listed twenty-four broad classifications of industries in the country. These classifications have been grouped into twelve categories in the industrial maps as well as in the tables at the end of the atlas. In this grouping, the following should be noted:

(i) *Beverage and tobacco products* includes alcohol and allied products, tea and coffee products, cigarettes and other tobacco products.

(ii) *Chemical products and pharmaceuticals* includes all basic chemicals and their products, petroleum and its products, all medicines and allied products, paints and inks.

(iii) *Food products* includes processed food.

(iv) *Leather, rubber and plastic products* includes all leather, rubber and plastic products.

(v) *Textile industry* includes cotton, wool, jute and synthetic textile production as well as garment manufacture using these materials.

(vi) *Electrical machinery* includes cables, wires, switches, relays, batteries, televisions, computers, calculators, radios and other communication equipment, as well as heavy electrical machinery.
(vii) *Metal products* includes all metal products and machinery made of metal.
(viii) *Non-electrical machinery* includes watches, typewriters and other light machinery which do not need electricity, and which have not been included in categories (vii) and (viii).
(ix) *Non-metallic products* includes cement, other allied products, pearls and precious stones, porcelain, sanitaryware, glass etc.
(x) *Paper products* includes all types of paper and its products, stationery items, printing and publishing.
(xi) *Transport equipment* includes all transport vehicles (including tractors).
(xii) *Wood products* includes all furniture etc.

Since much of Indian industry is urban-based, and urban areas are usually the better markets for consumer products, the district-wise market potential shown on this map is a reflection of urban buying potential. Hindustan Thompson Associates have arrived at separate market potential indices for rural and urban areas, and R.K. Swamy Advertising Associates for a combined district market, which emphasizes rural market indicators. Based on the indicators used by both these estimates and additional indicators considered valid by the editors, a district-wise market profile for 1989 has been developed for these maps. This is perhaps a truer indication of each district's potential. The indicators taken into account, using projected data for 1989, are as follows:

> Area, number of households, population, population growth rate, sex ratio, density of population, male literacy, female literacy, urbanisation, workforce, number of traders, bank officers per 100,000 population, per capita bank credit to agriculture, per capita bank credit to industries, total cropped area, production of major crops, number of motor vehicles, post offices per 100,000 population, circulation of newspapers, cinema houses per 100,000 population, and number of radio and television sets.

7. In the Minerals map, mineral production in each state is plotted by *taluk*. Only mining centres which are nationally important have been named, although production in other areas may be locally significant.

8. The Economic Development map estimates the economic development of each district for 1989 based on projections of the growth rate over the previous ten years of the following indicators:

> Per capita value of output of major crops, per capita bank credit to agriculture, number of mining and factory workers per 100,000 population, number of households of factory workers per 100,000 population, per capita bank credit for manufacturing sector, per capita bank deposits, per capita bank credit to services, literacy and urbanization.

The map uses a graded colour scheme by which economically developed areas are shown in shades of green, and economically underdeveloped areas in shades ranging from yellow to red. This colour scheme enables the development in each state to be understood at a glance. Information is also provided about districts which have been identified by the National Committee on the Development of Backward Areas as *Backward Districts*.

9. The Mass Communication map provides information on radio and television coverage in each state. For television coverage, the *area* reached by each television centre is indicated by the diameter of the circle centered on a particular station, and the *population covered* is indicated by the different shades used for each circle. For radio coverage, the *range* of each station in the four cardinal directions is shown by arcs. The population covered by these radio stations may be estimated by studying the extent of these arcs in conjuncuon with the Population map of each state. Where the scales are different, some calculation will be necessary to arrive at the population figure. The map also includes a list of all cities where 100 or more periodicals are published.

Maps of India

In addition to state-wise information, this atlas contains eighteen introductory maps of India and two pages of diagrams. These provide additional information about some of the subjects shown in detail for each state.

For instance, the Climate and Soils maps, taken together, supplement, state-wise, the information given in the Agriculture map. The Power Generation map includes *all* existing power projects as well as those under construction. This map could be used to supplement the information in the Agriculture or Industries map, which in turn would provide further indicators to the map on Economic Development. The maps on Religion, Literacy and Workforce are district-wise, and supplement the information provided on the Population map of each state or union territory. Infrastructure Development is mapped at the district level, and gives information about the basic infrastructural amenities in the villages, the index being arrived at on the basis of the following parameters:

> Railway station within 5 km; road and bus stop within 2 km; primary and middle schools within 2 km; high school within 5 km; dispensaries and health centres within 2 km; hospital within 5 km; fertilizer depots, seed stores, pump repair shops, warehousing and veterinary dispensaries within 5 km; credit cooperatives and banks within 5 km; post offices within 2 km; electricity and water supply within the village.

Of particular interest in this section of the atlas are two pages of diagrams which provide a comparison of the area, population and income of the different states and union territories in India, and of the population and area of selected countries in the rest of the world.

Tables and Index

The five tables at the end of the atlas supplement the information found on the maps. The tables provide information about the average rainfall and temperature in 212 centres; male and female as well as rural and urban populations; the area and production of 14 major crops; the annual production of all minerals found in India; and all towns which have one or more of the 12 industries classified. This information is based on the 1981 district boundaries in all cases. If a district does not appear in the Agriculture or Minerals table, it is because the output is either negligible or non-existent, or because the data was not available.

The atlas concludes with a comprehensive index of every town, village and physical feature marked on the maps and includes over 12,000 entries.

We thank the following organizations whose material formed our primary sources:

Census of India
Centre for Monitoring Indian Economy
Department of Agriculture and Cooperation
Department of Statistics, Ministry of Planning
Department of Tourism
Meteorological Department
Ministry of Information and Broadcasting
Ministry of Industry and Company Affairs
National Atlas and Thematic Mapping Organization
Survey of India.

The spellings in this atlas are in accordance with those used by the Survey of India.

Madras/Delhi
September 1990

India

This section comprises 18 maps and five diagrams. They present India at a glance, providing an objective view of the country's topography, federal structure, human habitation and infrastructural development, climate, religion, literacy, workforce and communication routes. The content is arranged on these maps in such a manner as to provide the user with ready information on the country.

Included in this section are five diagrams that have been drawn so as to show information in proportion to the actual data. Two diagrams are comparative statements of the Area and Population of India and the countries of the world. The other three diagrams are comparative statements of the Area, Population and Income of the states of India.

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Infrastructure Development	...	9
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Religion	...	10
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Note:
The maps of India in this section are on a Lambert azimuthal equal area projection and are in three scales: the full page map, 1:15,000,000 (1 cm = 150 kms); the half page map, 1:21,000,000 (1 cm = 210 kms); and the inset map, 1:350,000,000 (1 cm = 350 kms). The Survey of India approved latitudes and longitudes appear only on the Political map in this section.

INDIA

PHYSICAL

ALTITUDE SCALE

Metre
6000 Snow line
4500
1800
900
600
300
0 Sea level
75
300

PHYSIOGRAPHIC DIVISIONS

WESTERN HIMALAYA
CENTRAL HIMALAYA
EASTERN HIMALAYA
NORTHEASTERN RANGE
WESTERN PLAIN
NORTHERN PLAIN
EASTERN PLAIN
NORTH CENTRAL HIGHLANDS
SOUTH CENTRAL HIGHLANDS
I N D I A
WESTERN CONTINENTAL SHELF
WESTERN COASTAL PLAIN
WESTERN HILLS
NORTH DECCAN
SOUTH DECCAN
EASTERN HILLS
EASTERN COASTAL PLAIN
EASTERN CONTINENTAL SHELF
LAKSHADWEEP (INDIA)
ARABIAN SEA ISLANDS
ANDAMAN AND NICOBAR ISLANDS (INDIA)
BAY ISLANDS

Scale 1:35 000 000 1 cm=350 kms

Karakoram
K^2 (8611)
Gasherbrum (8068)
Masherbrum (7821)
Nanga Parbat (8126)
Ladakh Range
Zaskar Mts.
Pir Panjal Range
Shiwalik Range
Jhelum
Chenab
Ravi
Beas
Govind Sagar
Satluj
Plain of the Indus
INDO GANGETIC PLAIN
Kamet (7756)
Nanda Kot (6861)
Nanda Devi (7817)
Kumaon
Api (7132)
HIMALAYA
Namcha Barwa (7756)
(8172) Dhaulagiri
Mt. Everest (Sagarmatha) (8848)
Gauri Sankar (7145)
Makalu (8481)
Kanchenjunga (8598)
Mishmi Hills
Dafla Hills
Assam Valley
Duars
Brahmaputra
Mikir Hills
Naga Hills
Barail Range
Garo Hills
SHILLONG PLATEAU
Khasi-Jaintia Hills
Mizo Hills
Padma
Hugli
Sundarbans
Mouths of the Ganga
BHIWANI BAGAR
Great Indian Desert (Thar Desert)
RAJASTHAN BAGARG
Aravalli Range
Rohilkhand Plain
Yamuna
Ganga
Sarda
Avadh Plain
Chambal
Gomati
Ghaghara
Gandak
Kosi
Betwa
Son
Rana Pratap Sagar
Gandhi Sagar
BUNDELKHAND
Kaimur Hills
Plain of the Ganga
BAGHELKHAND
HAZARIBAG PLATEAU
Rajmahal Hills (567)
PENINSULA INDIA
Kachchh Peninsula
Gulf of Kachchh
Kathiawar Peninsula
Gir Range
Sabarmati
Mahi
MALWA PLATEAU
Vindhya Range
Narmada
Satpura Range
Tapi
Mahadeo Hills
Maikala Range
Ramgarh Hills
CHOTA NAGPUR PLATEAU
CHHATTISGARH
Gawilgarh Hills
Ajanta Range
Satmala Hills (1567)
Garhjat Hills (1187) Malayagiri
Hirakud
Mahanadi
Penganga
Godavari
DANDAKARANYA
Chilika Lake
Northern Circars
Kalsubai (1646)
Harischandra Range
Manjra
Balaghat Range
Nizam Sagar
Mahabaleshwar (1438)
WESTERN GHATS
DECCAN PLATEAU
EASTERN GHATS
Mahendragiri (1501)
Bhima
Nagarjuna Sagar
Krishna
Tungabhadra
Nallamala Hills
Penneru
Palkonda Range
Lingsugur
Hagari
Bhadra
Krishna-rajasagara
Javadi Hills
Doda Betta (2637)
Nilgiri Hills
Stanley
Shevaroy Hills
Kaveri (Cauvery)
Anaimalai Hills
Anai Mudi (2695)
Periyar
Cardamom Hills
Vaigai
Palk Strait
Palk Bay
Gulf of Mannar
Cape Comorin
Coromandel Coast
Malabar Coast
Laccadive Sea
ARABIAN SEA
BAY OF BENGAL
INDIAN OCEAN
AMINDIVI ISLANDS
Chettlat I.
Kiltan I.
Kavaratti I.
CANNANORE ISLANDS
LAKSHADWEEP (INDIA)
Minicoy I.
ANDAMAN AND NICOBAR ISLANDS (INDIA)
Narcondam I. (India)
NORTH ANDAMAN
MIDDLE ANDAMAN
Barren I. (India)
SOUTH ANDAMAN
Andaman Sea
LITTLE ANDAMAN
Car Nicobar I.
Katchall I.
LITTLE NICOBAR
GREAT NICOBAR
Indira Point

Scale 1:15 000 000 1 Cm = 150 Kms

POLITICAL

International Boundary
State Boundary
Country Capital
State Headquarters

SOME INDIAN STATES ARE AS BIG AS SOME COUNTRIES IN AREA BUT NOTE THE COMPARATIVE POPULATION

STATES	AREA (thousand sq kms)	POPULATION 1981 (m)	COUNTRIES	AREA (thousand sq kms)	POPULATION 1981 (m)
1. Madhya Pradesh	443.4	52.2	Sweden	449.9	8.3
2. Rajasthan	342.2	34.3	Norway	324.2	4.1
3. Maharashtra	307.7	62.8	Poland	312.6	35.9
4. Uttar Pradesh	294.4	110.9	Italy	301.2	56.2
5. Karnataka	191.8	37.1	Syria	185	9.3
6. Bihar	173.9	69.9	Uruguay	176.2	2.9
7. Orissa	155.7	26.4	Tunisia	164	6.9
8. Tamil Nadu	130.1	48.4	Greece	131.9	9.7
9. West Bengal	88.7	54.6	Austria	84	7.5

AFGHANISTAN
PAKISTAN
CHINA
TIBET
NEPAL
BHUTAN
BANGLADESH
MYANMAR (BURMA)
SRI LANKA
INDIA
ARABIAN SEA
BAY OF BENGAL
INDIAN OCEAN
Andaman Sea
New Moore I. (India)
Indira Point

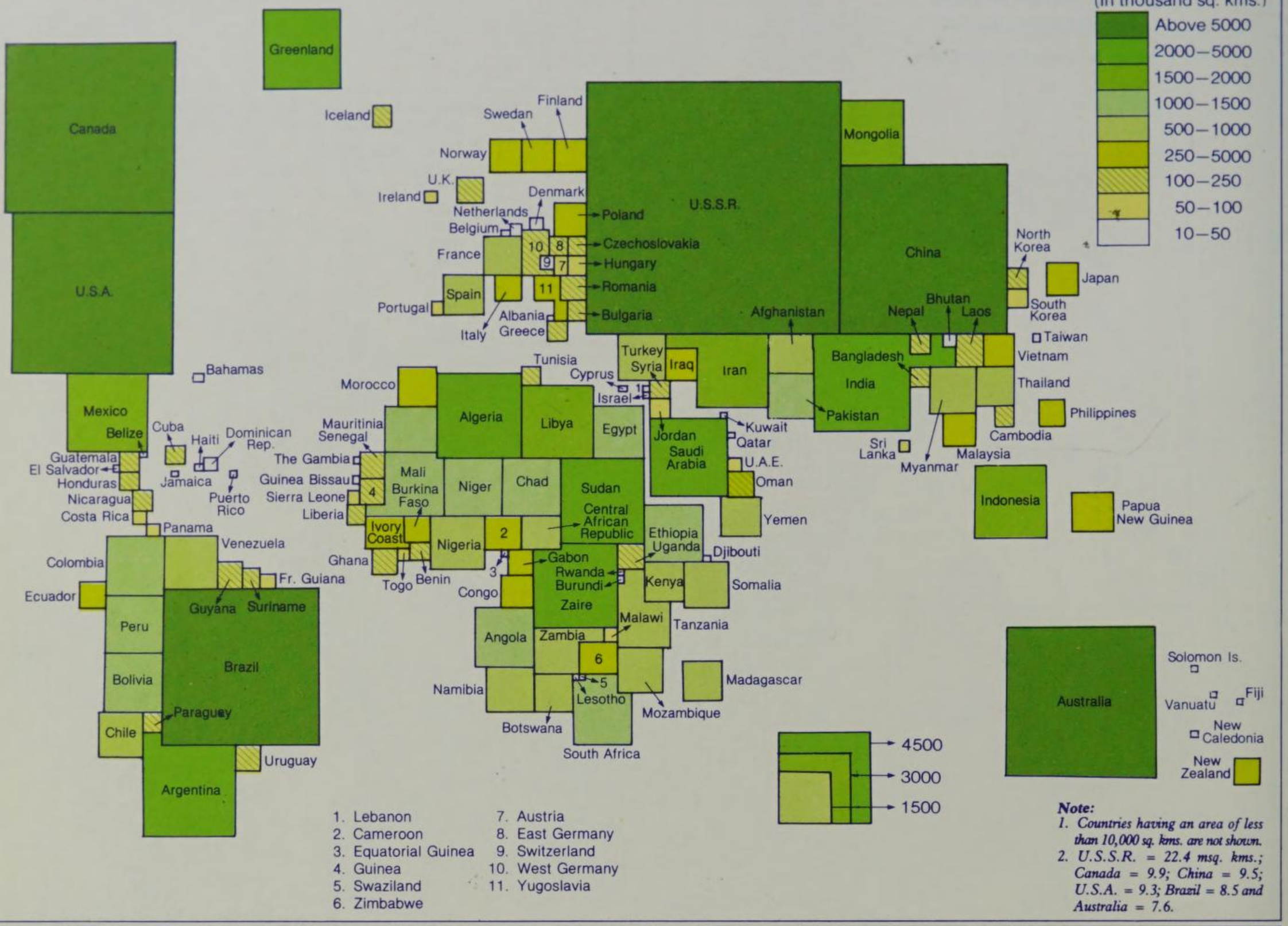
JAMMU AND KASHMIR — Srinagar
HIMACHAL PRADESH — Shimla
PUNJAB
CHANDIGARH
HARYANA
DELHI
RAJASTHAN — Jaipur
UTTAR PRADESH — Lucknow
BIHAR — Patna
SIKKIM — Gangtok
ARUNACHAL PRADESH — Itanagar
ASSAM — Dispur
NAGALAND — Kohima
MEGHALAYA — Shillong
MANIPUR — Imphal
TRIPURA — Agartala
MIZORAM — Aizawl
WEST BENGAL — Calcutta
GUJARAT — Gandhinagar
MADHYA PRADESH — Bhopal
ORISSA — Bhubaneshwar
DIU (D & D)
DAMAN (D & D)
DADRA AND NAGAR HAVELI — Silvassa
MAHARASHTRA — Bombay
ANDHRA PRADESH — Hyderabad
YANAM (PONDICHERRY)
GOA — Panaji
KARNATAKA — Bangalore
TAMIL NADU — Madras
PONDICHERRY (PUDUCHCHERI)
KARAIKAL (PONDICHERRY)
MAHE (PONDICHERRY)
KERALA — Trivandrum
LAKSHADWEEP (INDIA) — Kavaratti
Lakshadweep Sea
ANDAMAN AND NICOBAR ISLANDS (INDIA) — Port Blair

68° 72° 76° 80° 84° 88° 92° 96°
40° 36° 32° 28° 24° 20° 16° 12° 8° 4°

Scale 1:15 000 000 1 Cm = 150 Kms

A

INDIA AND THE WORLD — AREA



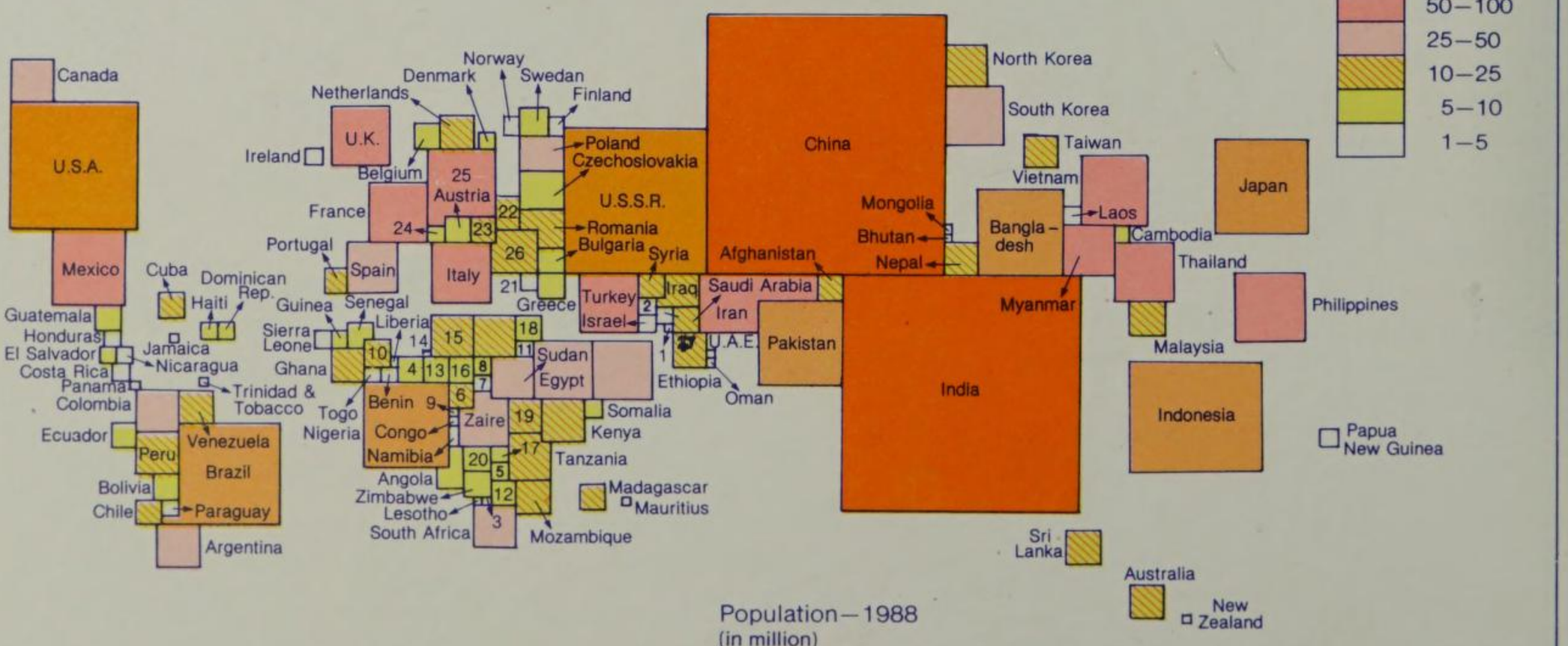
1. Lebanon
2. Cameroon
3. Equatorial Guinea
4. Guinea
5. Swaziland
6. Zimbabwe
7. Austria
8. East Germany
9. Switzerland
10. West Germany
11. Yugoslavia

Note:

1. *Countries having an area of less than 10,000 sq. kms. are not shown.*
2. *U.S.S.R. = 22.4 msq. kms.; Canada = 9.9; China = 9.5; U.S.A. = 9.3; Brazil = 8.5 and Australia = 7.6.*

B

POPULATION



1. Kuwait
2. Lebanon
3. Botswana
4. Burkina Faso
5. Burundi
6. Cameroon
7. Central African Republic
8. Chad
9. Gabon
10. Ivory Coast
11. Libya
12. Malawi
13. Mali
14. Mauritania
15. Morocco
16. Niger
17. Rwanda
18. Tunisia
19. Uganda
20. Zambia
21. Albania
22. East Germany
23. Hungary
24. Switzerland
25. West Germany
26. Yugoslavia
27. Jordan

Note:

1. *Countries having less than one million population are not shown.*
2. *Population in China = 1072 million and in India = 792.*

A

ANNUAL RAINFALL

I N D I A

ARABIAN SEA

BAY OF BENGAL

INDIAN OCEAN

Lakshadweep Sea

N.A.

Andaman Sea

AVERAGE ANNUAL RAINFALL
(in centimetre)

- 400—1000
- 200—400
- 120—200
- 80—120
- 40—80
- 0—40

N.A. Not available

B

ANNUAL TEMPERATURE

I N D I A

ARABIAN SEA

BAY OF BENGAL

INDIAN OCEAN

Lakshadweep Sea

N.A.

Andaman Sea

AVERAGE ANNUAL TEMPERATURE
(in °celsius)

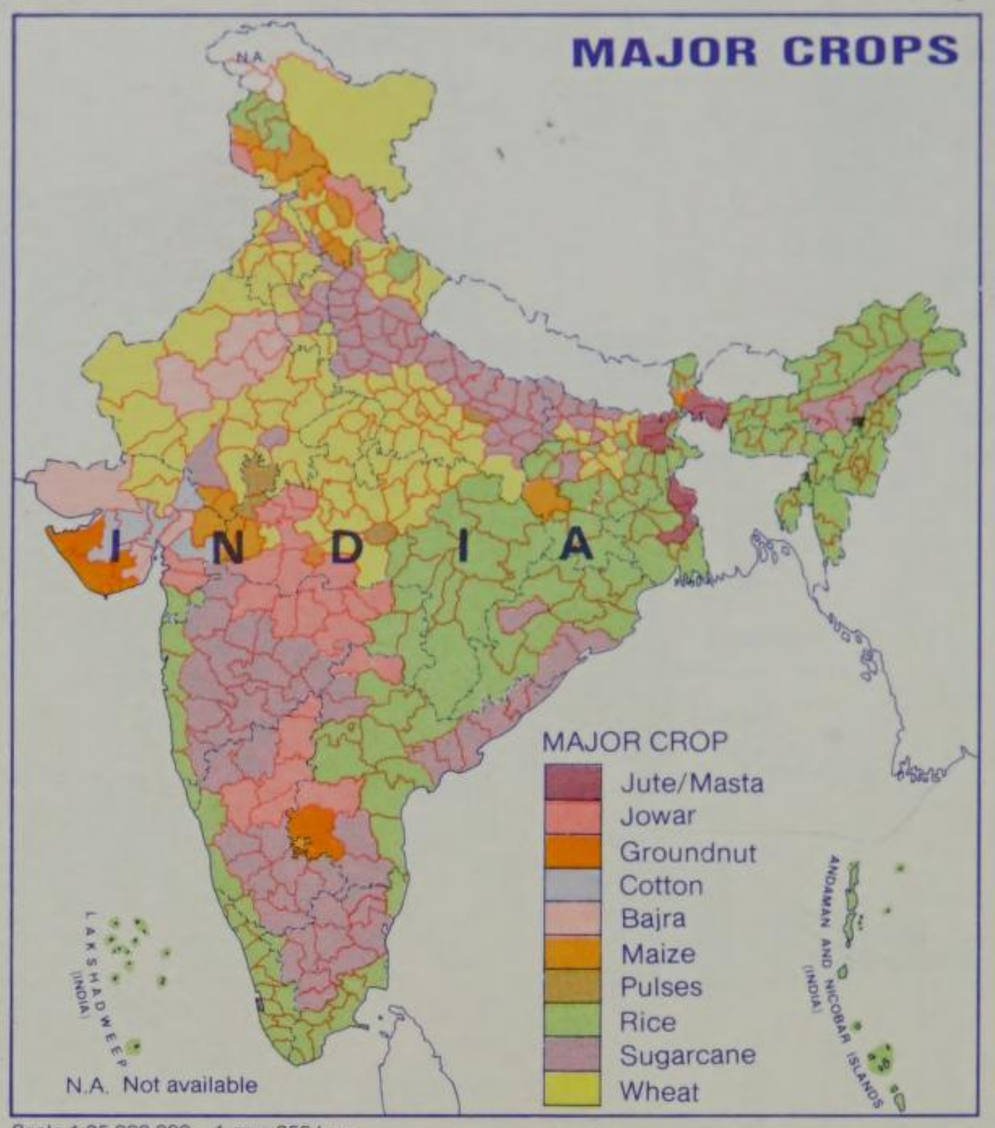
- Above 27.5
- 25.0—27.5
- 22.5—25.0
- 20.0—22.5
- Below 20

N.A. Not available

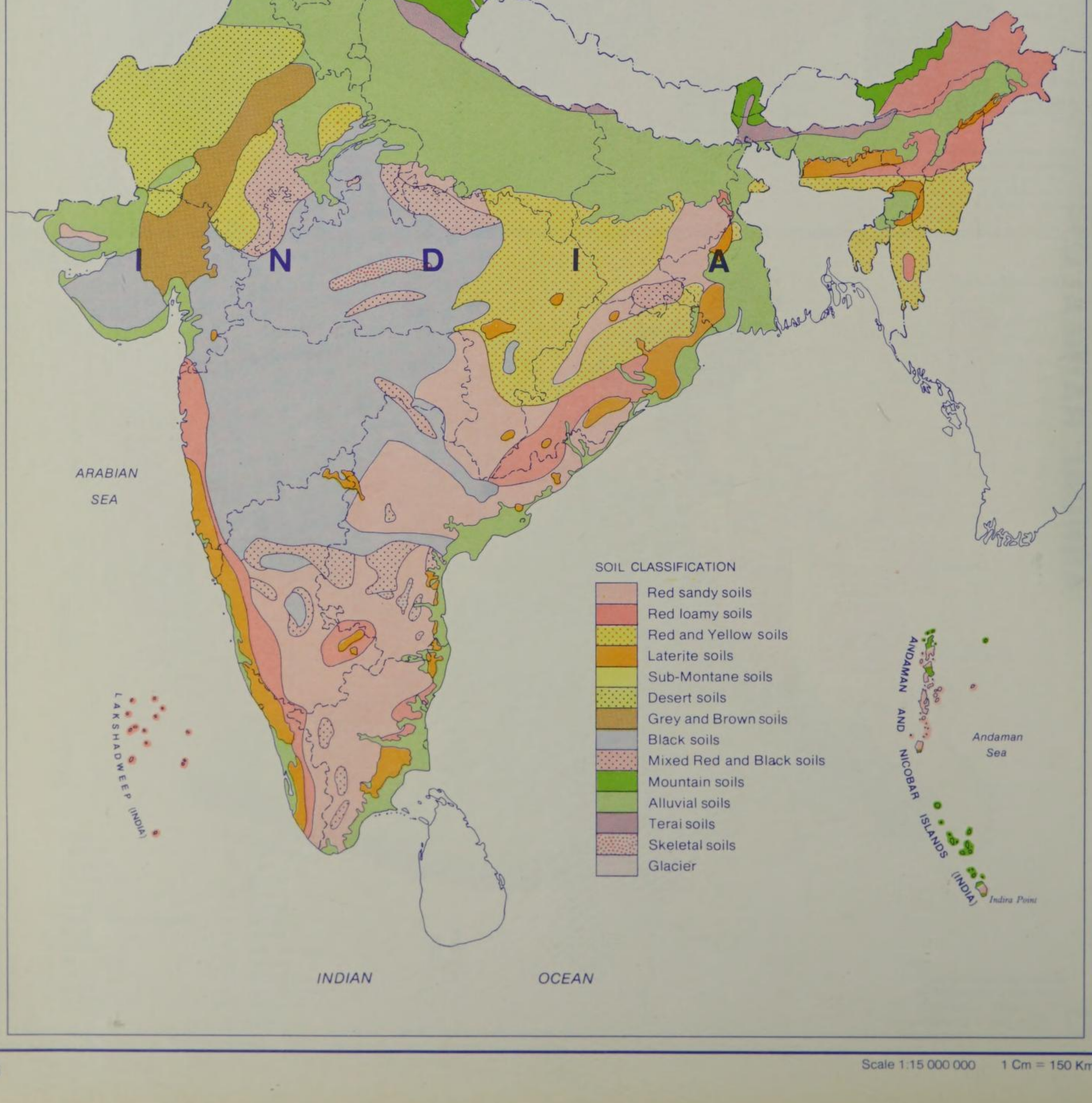
Scale 1:21 000 000 1 Cm = 210 Kms

SOILS

MAJOR CROPS



Scale 1:35 000 000 1 cm=350 kms



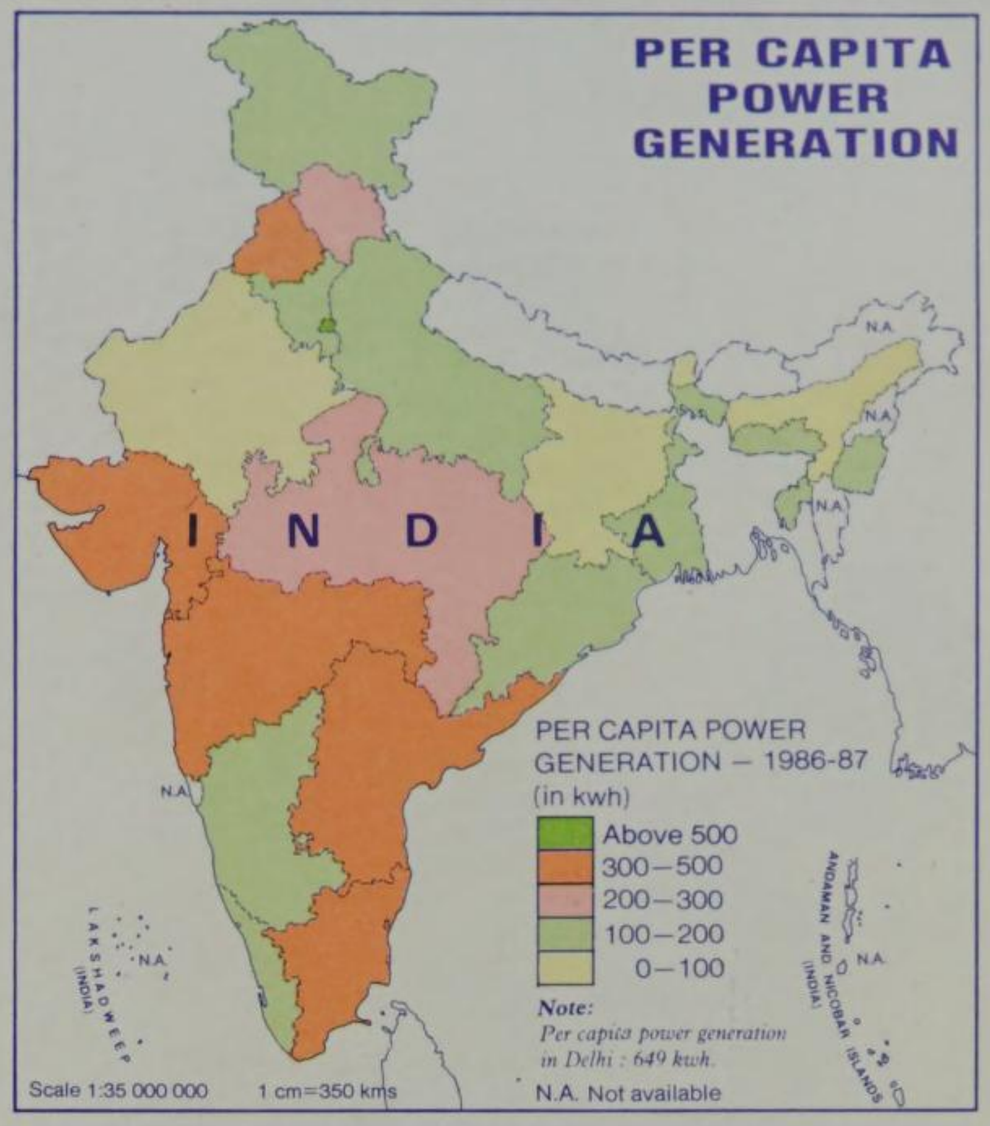
Scale 1:15 000 000 1 Cm = 150 Kms

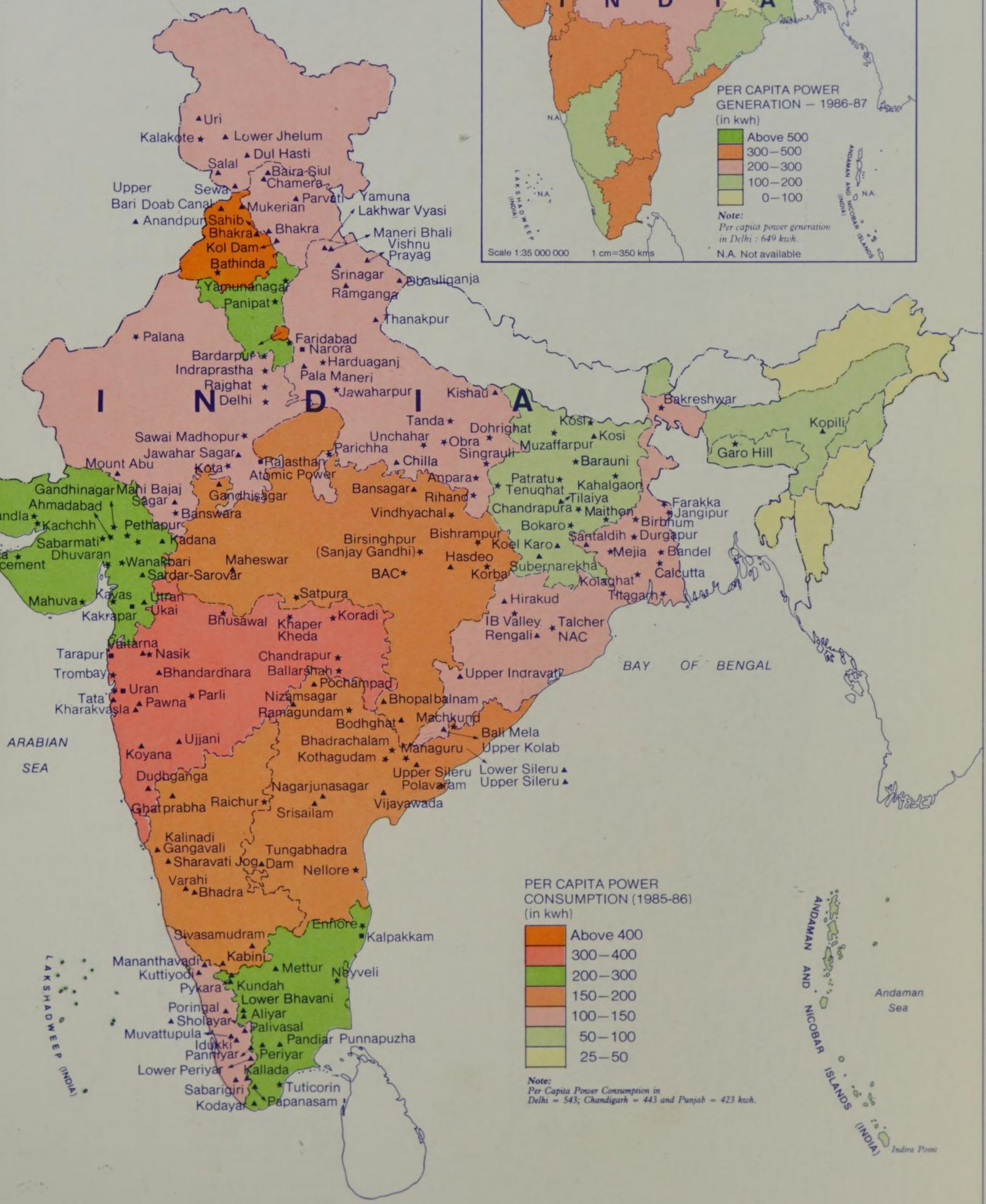
POWER PROJECTS

MAJOR POWER PLANTS
1984
(Each with an Installed Capacity of 100 MW and above)

- ▲ Hydro
- ★ Thermal
- ■ Nuclear

PER CAPITA POWER GENERATION





PER CAPITA POWER CONSUMPTION (1985-86)
(in kwh)

- Above 400
- 300—400
- 200—300
- 150—200
- 100—150
- 50—100
- 25—50

Note:
Per Capita Power Consumption in Delhi = 543; Chandigarh = 443 and Punjab = 423 kwh.

Scale 1:15 000 000 1 Cm = 150 Kms

POWER GENERATION

HIMACHAL PRADESH

DELHI

PUNJAB

I N D I A

N.A.

ARABIAN SEA

BAY OF BENGAL

INDIAN OCEAN

LAKSHADWEEP (INDIA)

ANDAMAN AND NICOBAR ISLANDS (INDIA)

Andaman Sea

Indira Point

VILLAGES ELECTRIFIED

VILLAGES ELECTRIFIED – 1989
(in per cent)

- 90 – 100
- 80 – 90
- 70 – 80
- 60 – 70
- 50 – 60
- 40 – 50
- 30 – 40
- N.A. Not available

Scale 1:35 000 000 1 cm = 350 kms

POWER SOURCES — 1987
(% in total generating capacity)

Nuclear — Hydro — Thermal

TOTAL POWER GENERATION — 1986-87
(in billion* kwh)

- 30 – 40
- 20 – 30
- 10 – 20
- 5 – 10
- 0 – 5

Note:

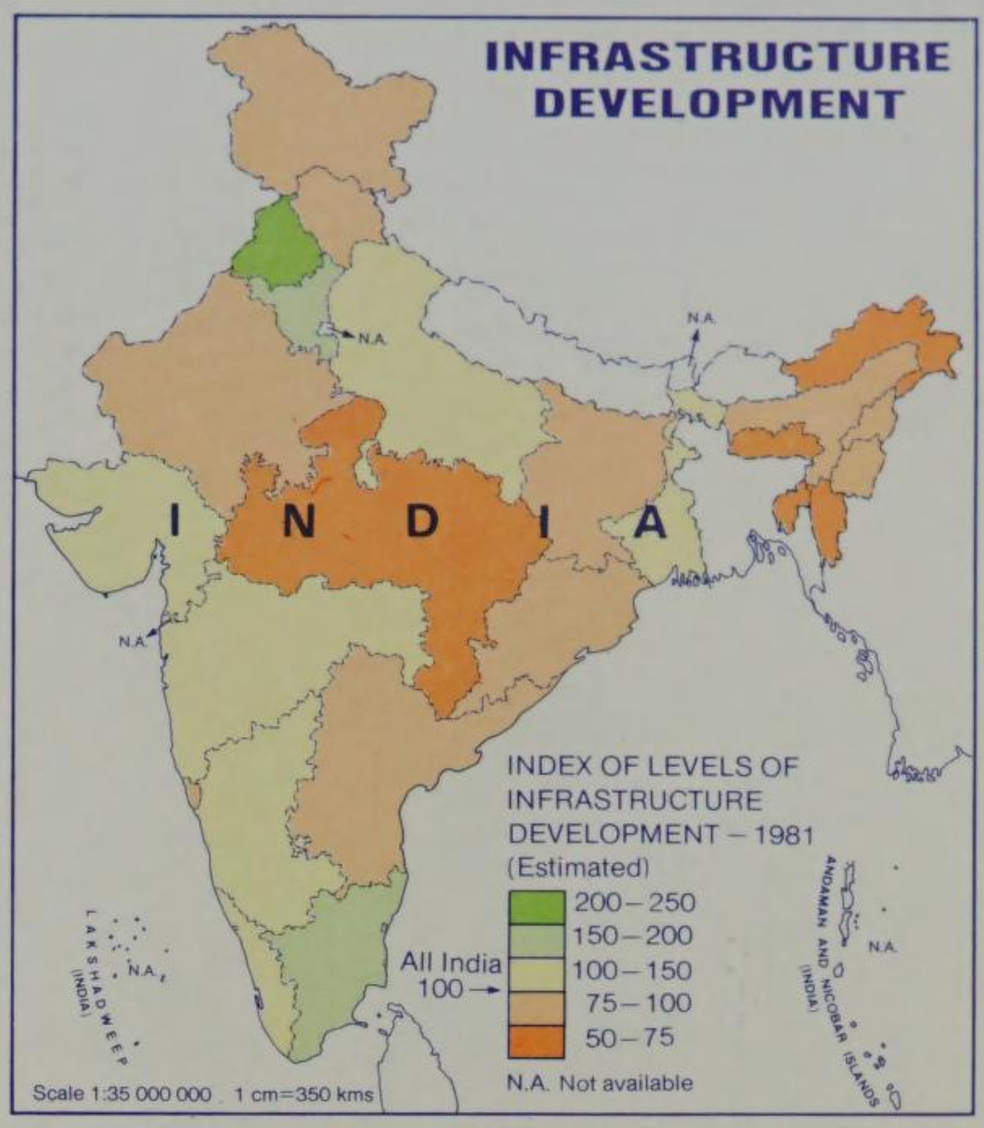
1. *Manipur, Meghalaya & Tripura totally produced 913 mkwh.*
2. *Bhakra & Beas management produced 11,704 mkwh. through Hydel generation.*
3. *Damodar Valley Corporation produced 5691 mkwh. of which 94% was through Thermal generation and 6% through Hydel generation.*

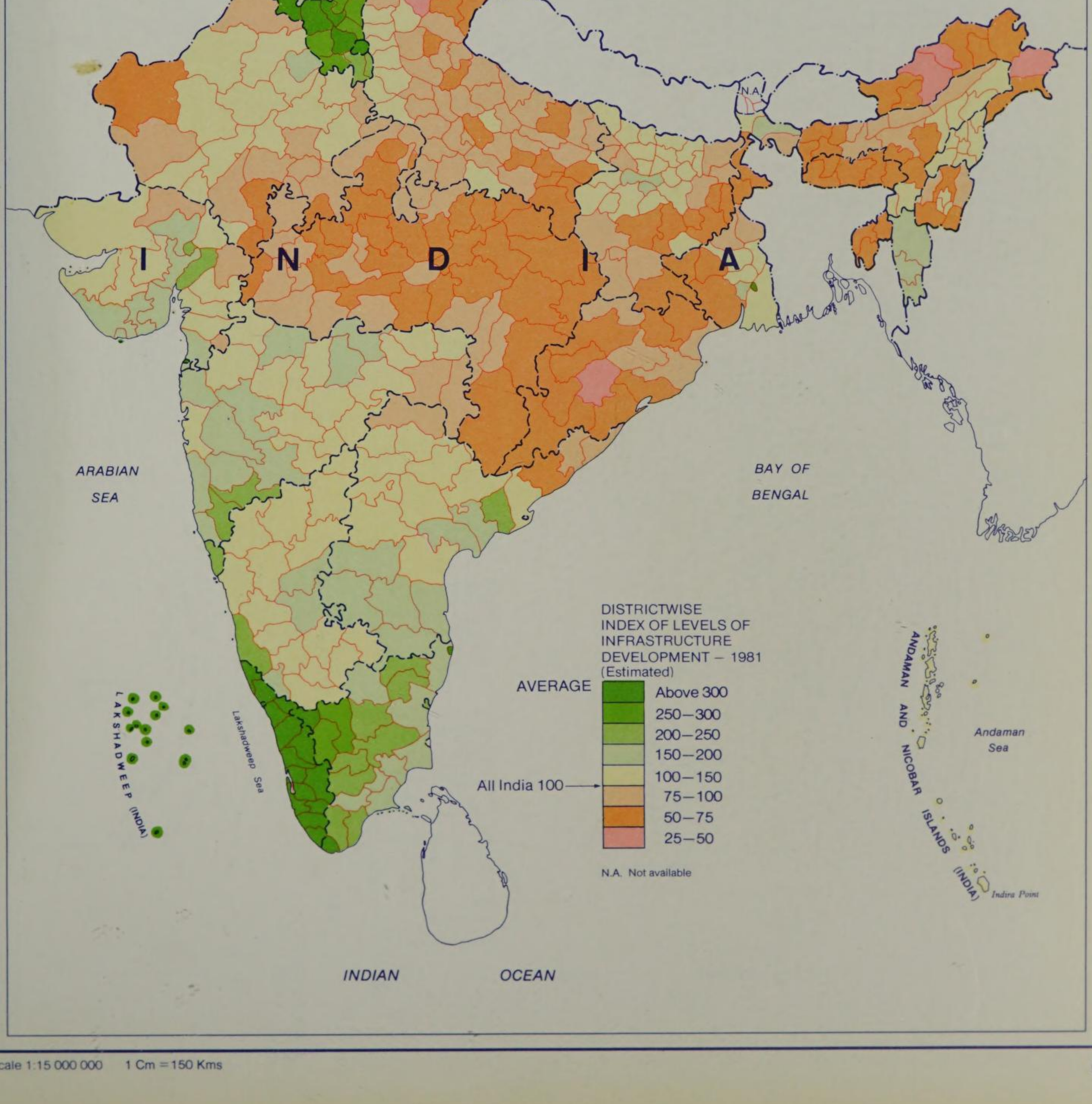
★ *a million million*

N.A. Not available

Scale 1:15 000 000 1 Cm = 150 Kms

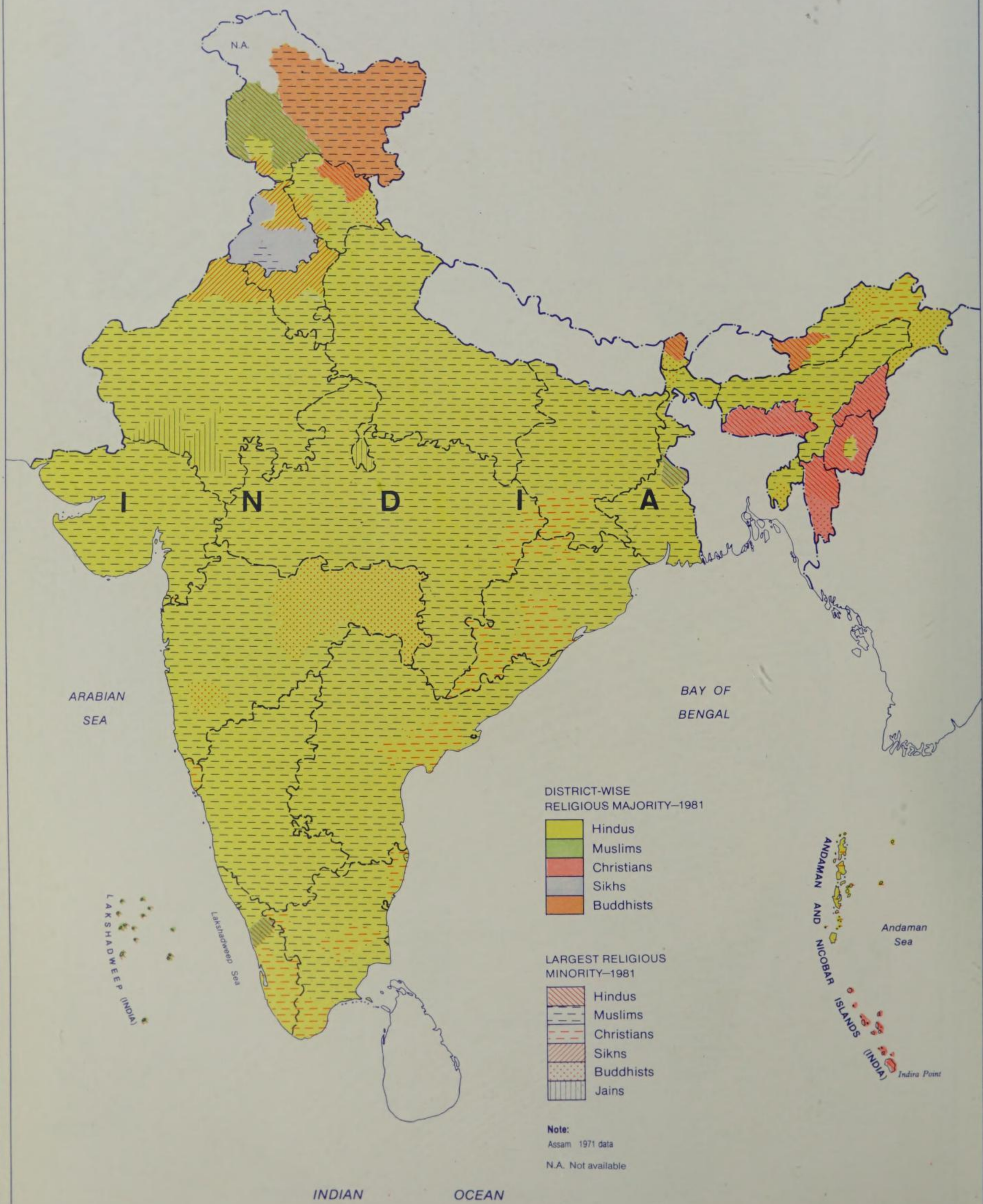
INFRASTRUCTURE DEVELOPMENT





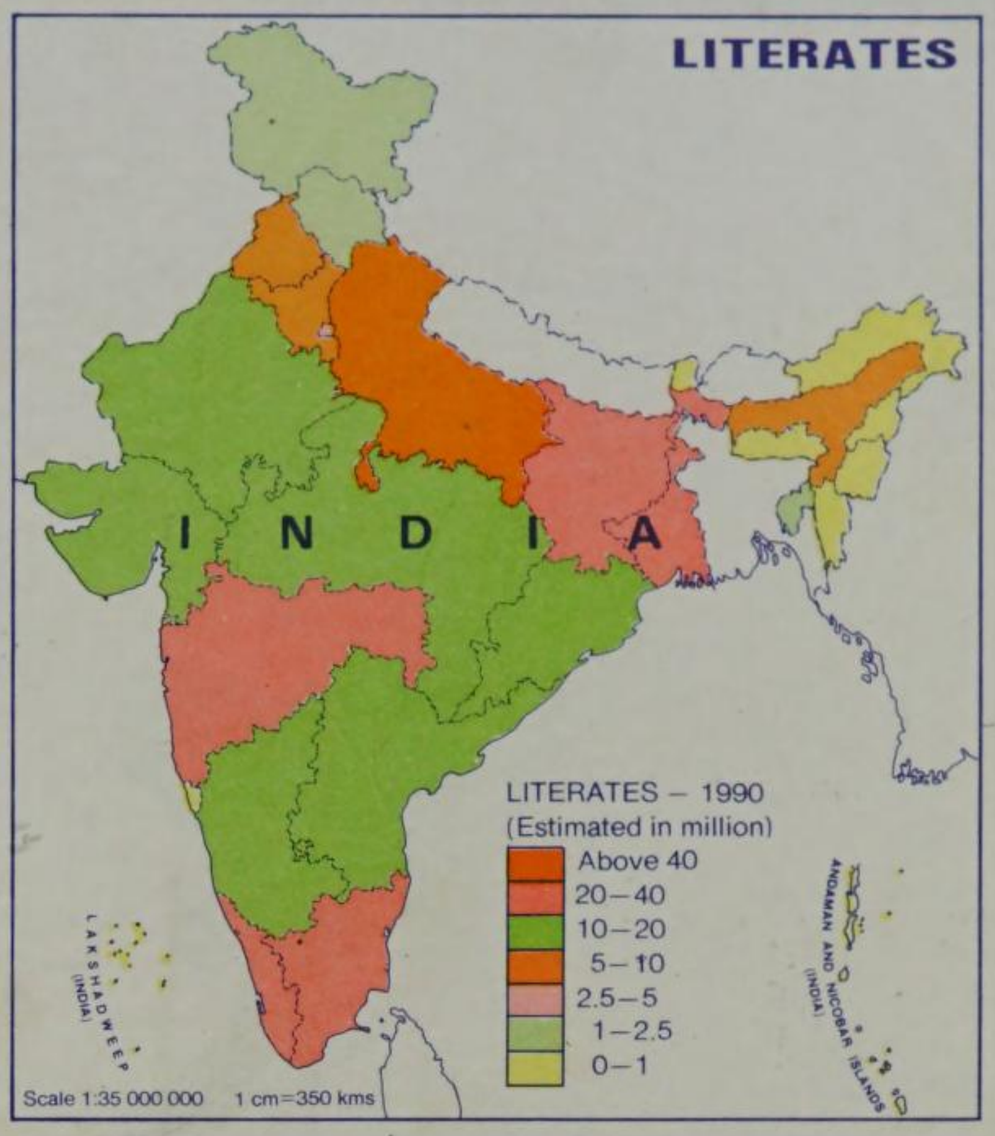
Scale 1:15 000 000 1 Cm = 150 Kms

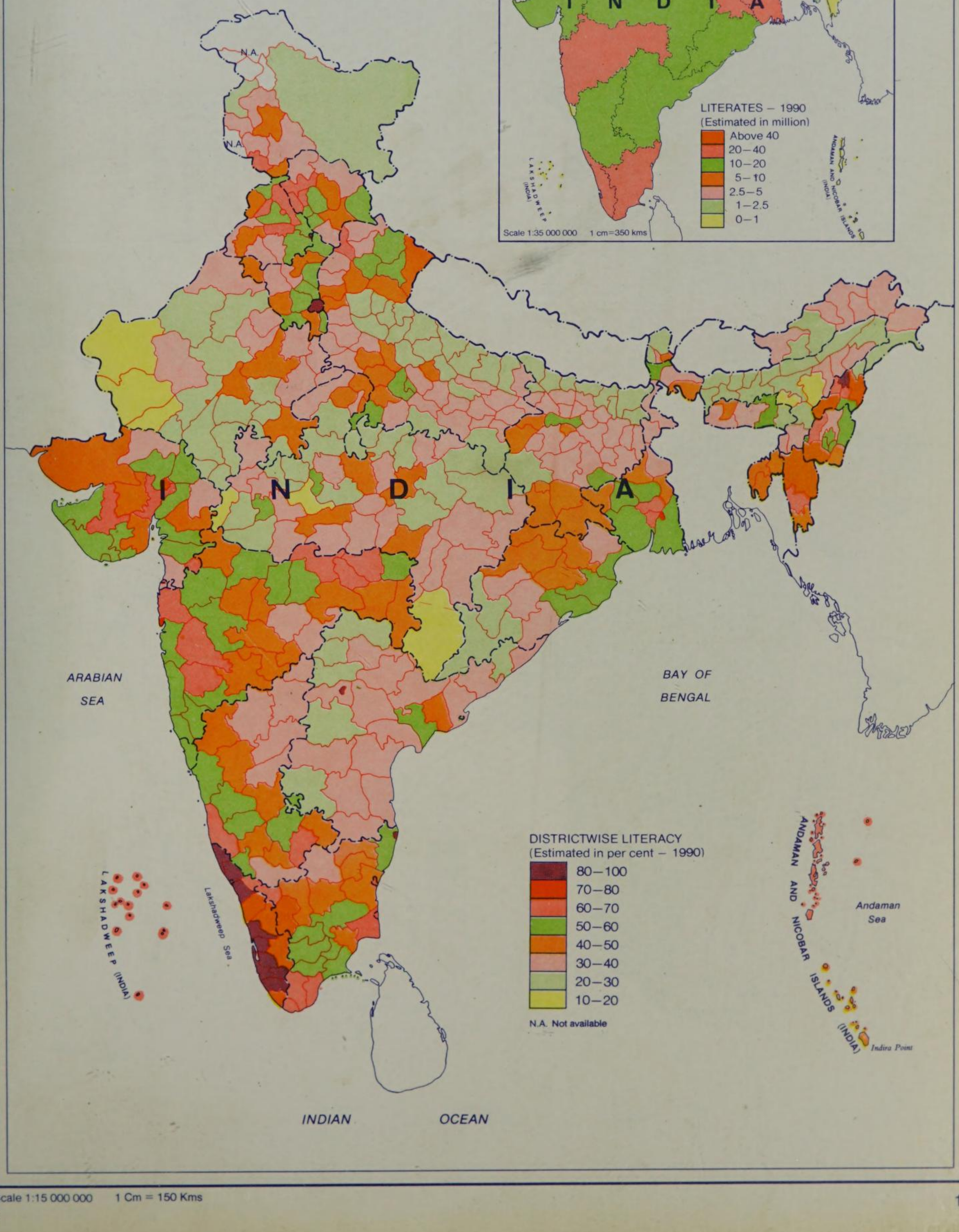
RELIGION



Scale 1:15 000 000 1 Cm = 150 Kms

LITERACY





Scale 1:15 000 000 1 Cm = 150 Kms

WORKFORCE

INDUSTRIAL WORKERS

INDIA

INDUSTRIAL WORKERS – 1989 (Estimated in thousand)

1000 – 1500
500 – 1000
250 – 500
100 – 250
50 – 100
10 – 50
0 – 10
N.A. Not available

Scale 1:35 000 000 1 cm = 350 kms

N.A.

LAKSHADWEEP (INDIA)

ANDAMAN AND NICOBAR ISLANDS (INDIA)

INDIA

ARABIAN SEA

BAY OF BENGAL

DISTRICT-WISE WORKERS AS PERCENTAGE OF POPULATION (Estimated 1989)

50 – 60
40 – 50
35 – 40
30 – 35
25 – 30
20 – 25
15 – 20

N.A. Not available

Lakshadweep Sea

Andaman Sea

Indira Point

INDIAN OCEAN

Scale 1:15 000 000 1 Cm = 150 Kms

AIR AND SEA ROUTES

AIR AND SEA ROUTES – JUNE 1990

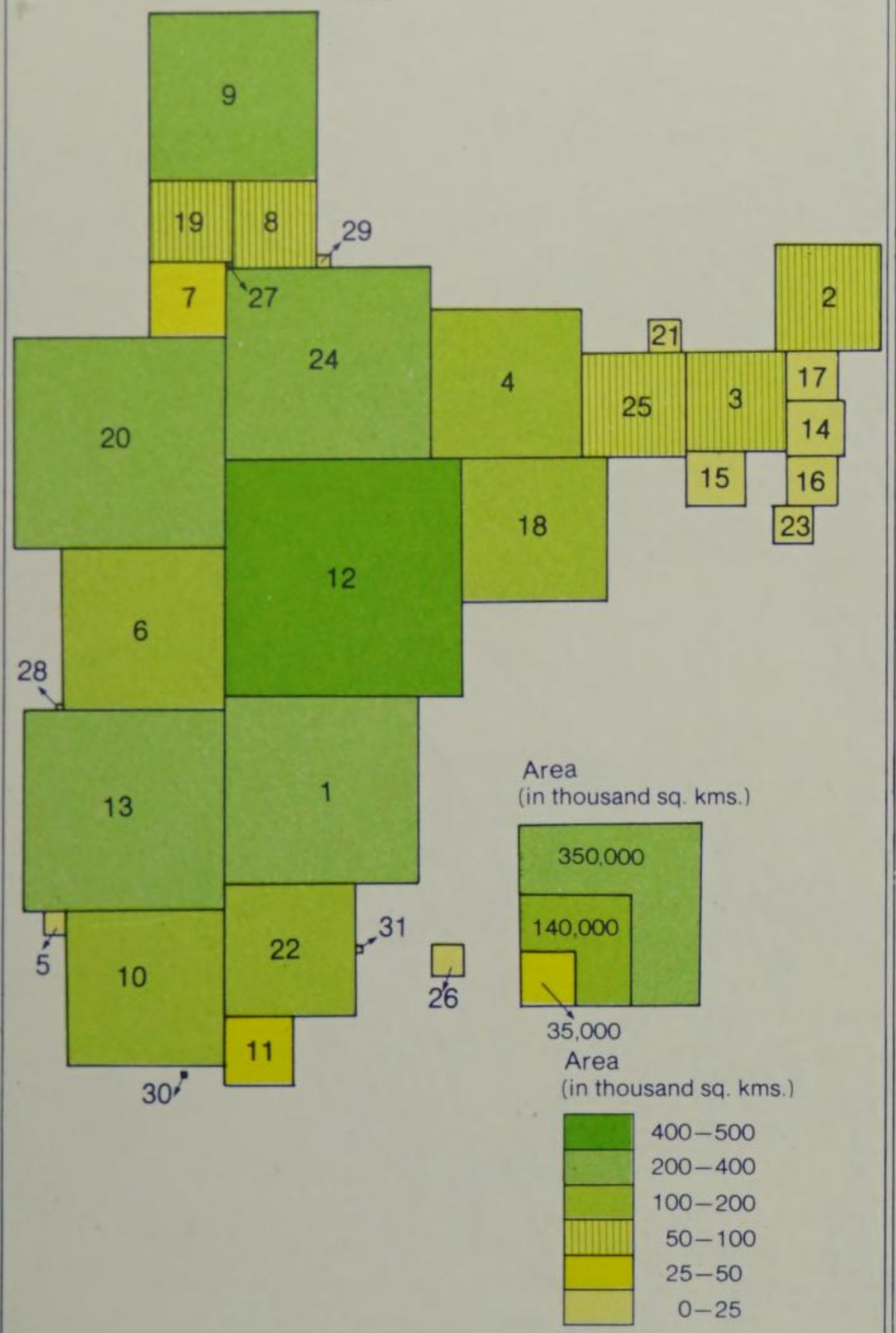
Indian Airlines routes
Vayudoot routes
Main sea routes

PORTS
★ Major ports
▲ Intermediate ports

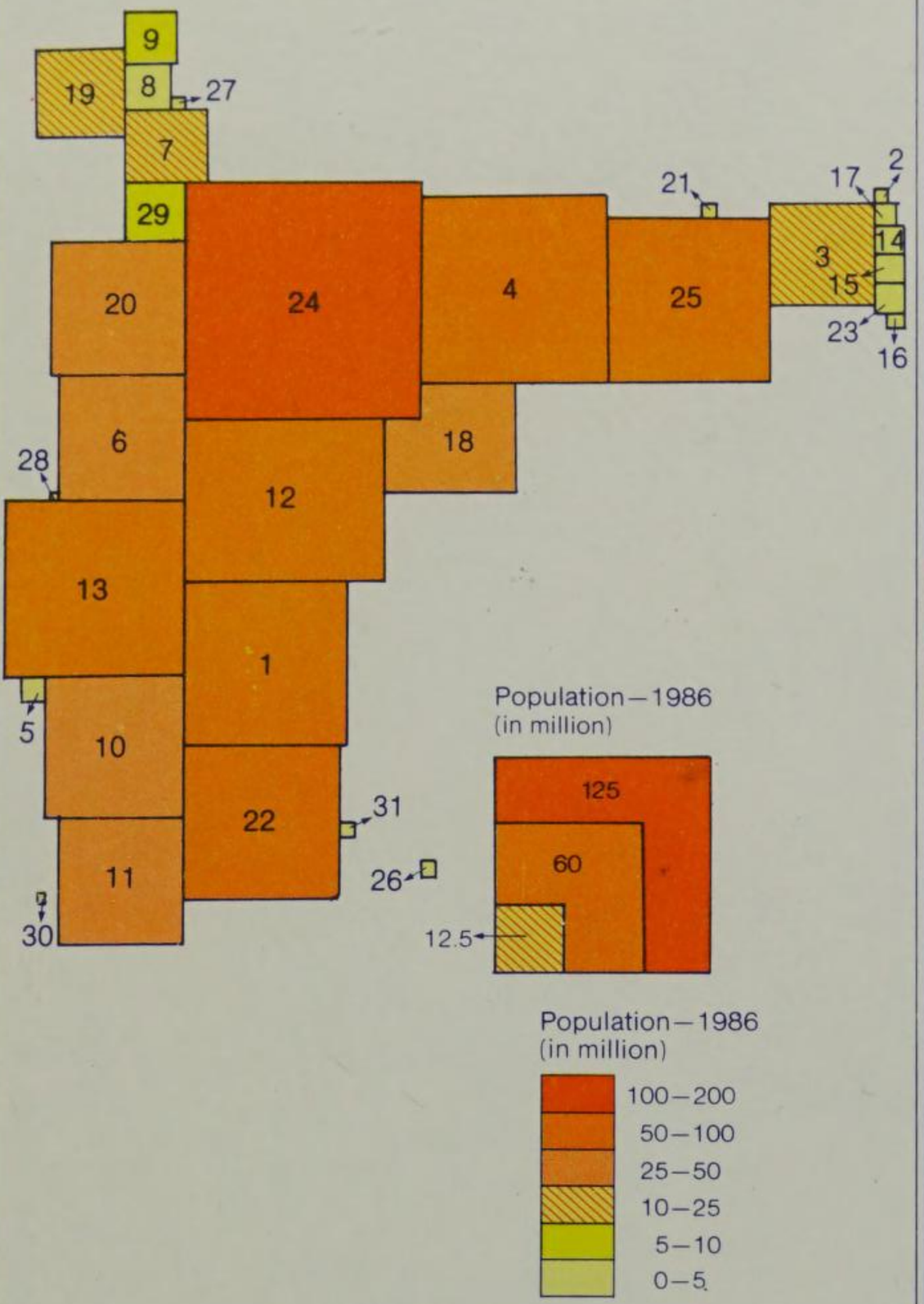
Kabul
Srinagar
Jammu
Dharamsala
Pathankot
Kullu
Amritsar
Lahore
Shimla
Ludhiana
Chandigarh
Dehra Dun
Pantnagar
Delhi
Jaisalmer
To Karachi
Jodhpur
Jaipur
Agra
Lucknow
Gorakhpur
Katmandu
Bagdogra
Tezu
Dibrugarh
Lilabari
Jorhat
Tezpur
Guwahati
Dimapur
Kanpur
Gwalior
Koch Bihar
Shillong
Kota
Udaipur
Allahabad
Patna
Varanasi
Gaya
Silchar
Imphal
Kailashahar
Agartala
Dhaka
Aizawl
Guna
Khajuraho
Rewa
Satna
Bhuj
Kandla
Ahmadabad
Jabalpur
Ranchi
Rajkot
Bhopal
Jamshedpur
Calcutta
Jamnagar
Vadodara
Indore
Porbandar
Bhavnagar
Bhanuch
Raurkela
Chittagong
Keshod
Surat
Bilaspur
Veraval
Nagpur
Raipur
Daman
Akola
Nashik
Bhubaneshwar
Paradwip
Aurangabad
Bombay
Nanded
Pune
Jagdalpur
To West Asia
ARABIAN SEA
Vishakhapatnam
Ratnagiri
Hyderabad
Rajahmundry
Kakinada
Kolhapur
Vijayawada
Panaji
Belgaum
Machilipatnam
Marmagao
Dabolim
Bellary
Karwar
Tirupati
Mangalore
Madras
Bangalore
Mysore
Cuddalore
Pondicherry
Agatti
Kozhikode
Coimbatore
Neyveli
Tiruchchirappalli
Nagappattinam
Cochin
Madurai
Alleppey
Tuticorin
Trivandrum
Colombo
Male
To Karachi
To Africa
To Seychelles
To Colombo
LAKSHADWEEP (INDIA)
To Rangoon
To Bangkok
To Thailand
BAY OF BENGAL
Rangoon
ANDAMAN AND NICOBAR ISLANDS (INDIA)
Port Blair
Andaman Sea
To Andaman (Port Blair)
Car Nicobar
Indira Point
To Malaysia
To Malaysia
INDIAN OCEAN

Scale 1:15 000 000 1 Cm = 150 Kms

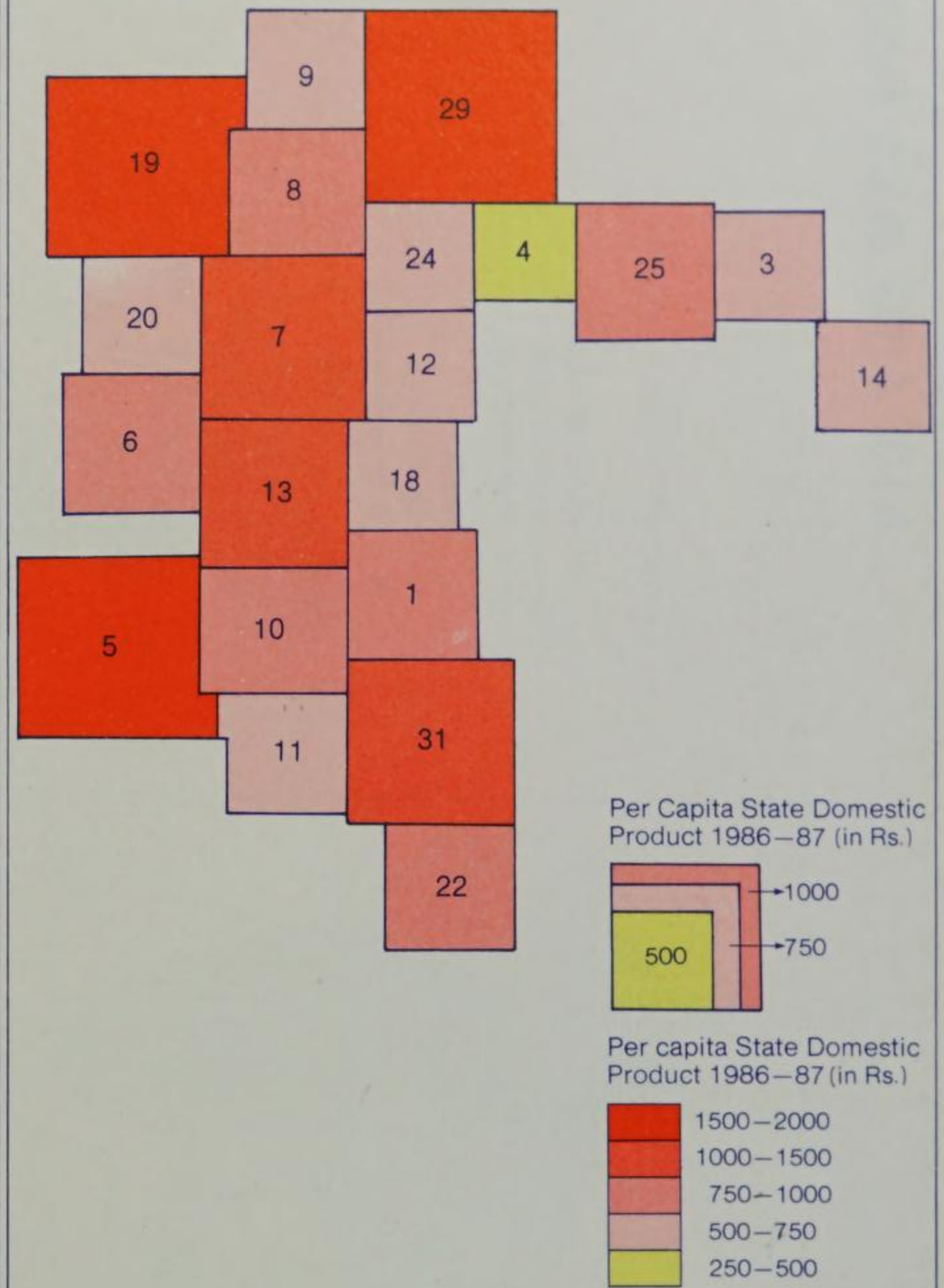
A COMPARATIVE AREA



B COMPARATIVE POPULATION



C COMPARATIVE INCOME



INDIA: States and Union Territories numbered on the map

States

1. Andhra Pradesh
2. Arunachal Pradesh
3. Assam
4. Bihar
5. Goa, Daman & Diu
6. Gujarat
7. Haryana
8. Himachal Pradesh
9. Jammu & Kashmir
10. Karnataka
11. Kerala
12. Madhya Pradesh
13. Maharashtra
14. Manipur
15. Meghalaya
16. Mizoram
17. Nagaland
18. Orissa
19. Punjab
20. Rajasthan
21. Sikkim
22. Tamil Nadu
23. Tripura
24. Uttar Pradesh
25. West Bengal

Union Territories

26. Andaman & Nicobar Islands
27. Chandigarh
28. Dadra & Nagar Haveli
29. Delhi
30. Lakshadweep
31. Pondicherry

States and Union Territories

This section consists of a series of 230 thematic maps providing a detailed picture of the 25 states and seven union territories in India. The maps for each state provide information on nine subjects, namely, Physical Features, Administration, Population, Transport & Tourism, Agriculture, Industries & Markets, Minerals, Economic Development and Mass Communication.

The maps are arranged in the same order for each state. All locations marked on the maps in this section have also been indexed with a cross-grid number for easy reference. The maps are up to date and give the user access to information at a glance.

	Page		*Page*
Andhra Pradesh ...	16-23	Nagaland ...	98-99
Arunachal Pradesh ...	24-25	Orissa ...	100-106
Assam ...	26-30	Punjab ...	107-110
Bihar ...	31-40	Rajasthan ...	111-117
Goa ...	41-42	Sikkim ...	118-119
Gujarat ...	43-49	Tamil Nadu ...	120-127
Haryana ...	50-53	Tripura ...	128-129
Himachal Pradesh ...	54-57	Uttar Pradesh ...	130-138
Jammu & Kashmir ...	58-62	West Bengal ...	139-147
Karnataka ...	63-70	Andaman & Nicobar Islands ...	148a
Kerala ...	71-75	Lakshadweep ...	148b
Madhya Pradesh ...	76-83	Chandigarh ...	149a
Maharashtra ...	84-91	Dadra & Nagar Haveli ...	149b
Manipur ...	92-93	Daman & Diu ...	149c
Meghalaya ...	94-95	Delhi ...	150
Mizoram ...	96-97	Pondicherry ...	151

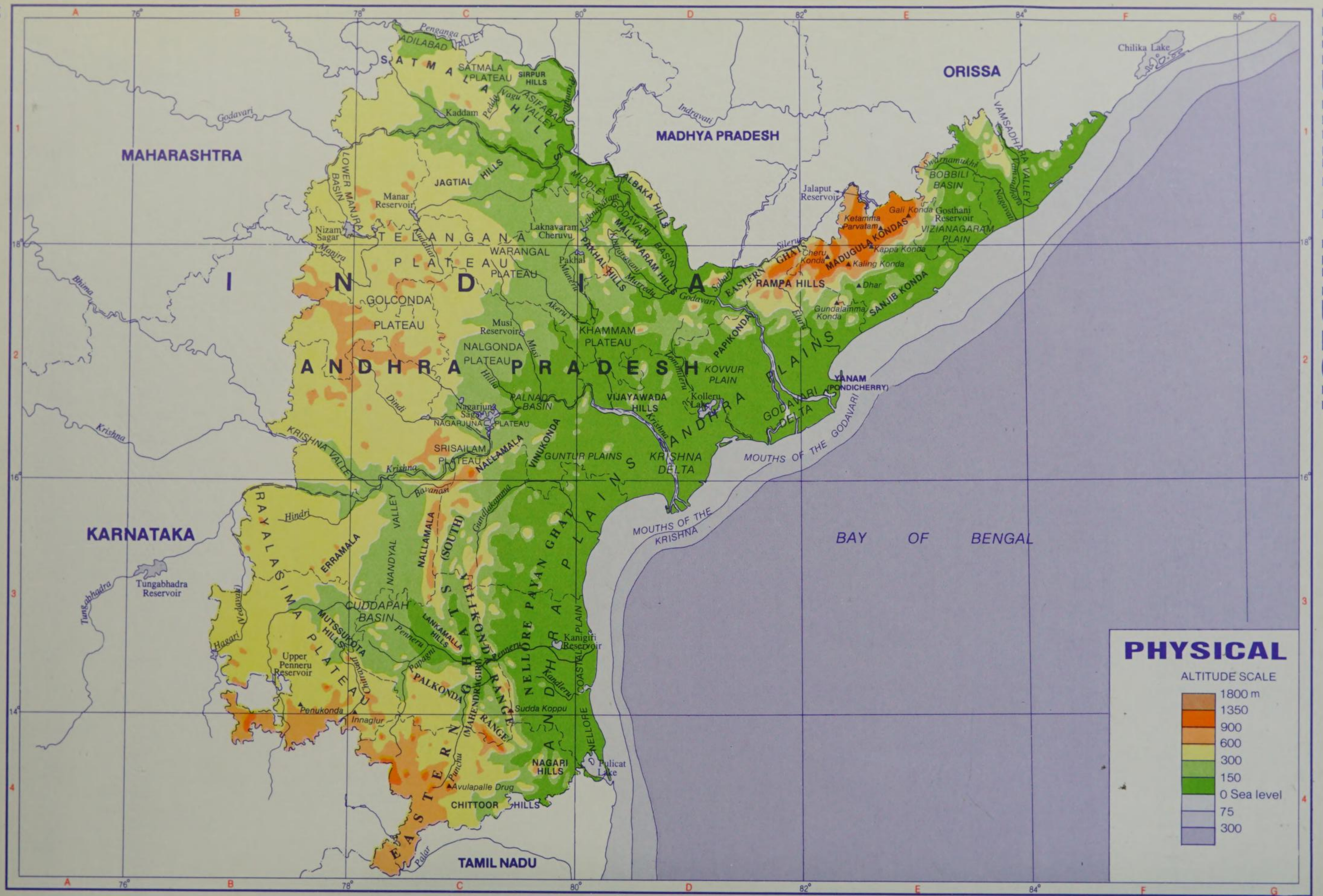
Note:

In this section, most of the data used is based on Census 1981 when there were 412 districts. The maps, however, show the districts as they existed at the end of 1989, when there were 449 districts (442 districts for which boundaries were available are shown on the maps; district boundaries for five districts in Uttar Pradesh and one each in Arunachal Pradesh and Assam were not available at the time of printing). All information published in this section is in accordance with data published by official sources and which was available with us as on 1.1.1990. Where no data was available, it has been indicated by N.A. (Data Not Available).

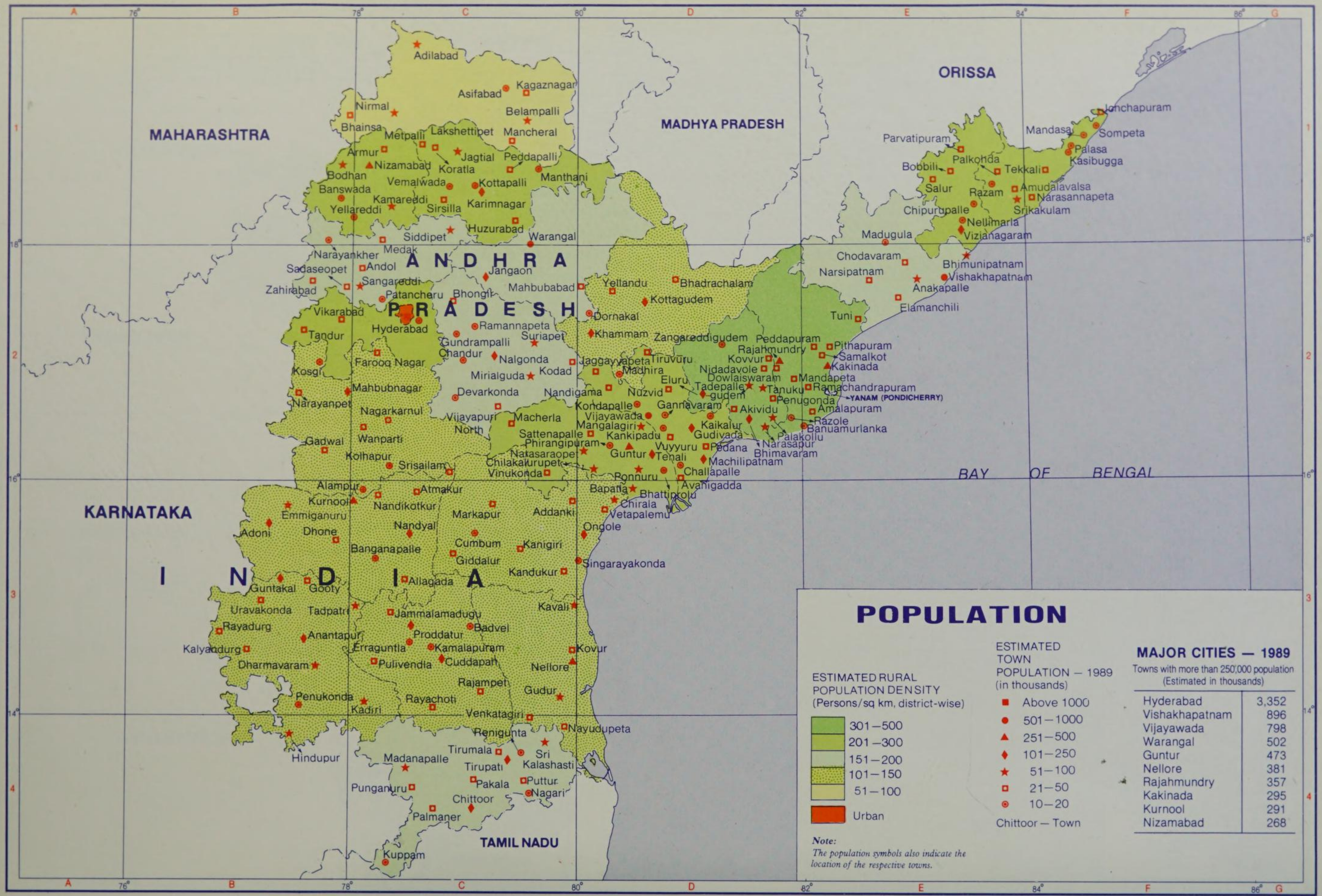
The maps in this section have been drawn to different scales and these scales are indicated on the respective maps. The projection used for all these maps is International (Polyconic).

The Survey of India approved latitudes and longitudes appear on all maps in this section for which permission has been granted.

ANDHRA PRADESH


MAHARASHTRA
MADHYA PRADESH
ORISSA
KARNATAKA
TAMIL NADU
BAY OF BENGAL
I N D I A
A N D H R A P R A D E S H
SATMALA HILLS
SATMALA PLATEAU
SIRPUR HILLS
ASIFABAD VALLEY
ADILABAD VALLEY
JAGTIAL HILLS
LOWER MANJRA BASIN
MIDDLE GODAVARI BASIN
ALBAKA HILLS
MALLAVARAM HILLS
PAKHAL HILLS
T E L A N G A N A PLATEAU
WARANGAL PLATEAU
GOLCONDA PLATEAU
KHAMMAM PLATEAU
NALGONDA PLATEAU
PALNAD BASIN
NAGARJUNA SAGAR PLATEAU
SRISAILAM PLATEAU
NALLAMALA HILLS
VINUKONDA HILLS
GUNTUR PLAINS
KRISHNA DELTA
KOVVUR PLAIN
VIJAYAWADA HILLS
PAPIKONDA HILLS
EASTERN GHATS
RAMPA HILLS
MADUGULA KONDAS
SANJIB KONDA
VIZIANAGARAM PLAIN
BOBBILI BASIN
VAMSADHARA VALLEY
GODAVARI DELTA
MOUTHS OF THE GODAVARI
MOUTHS OF THE KRISHNA
YANAM (PONDICHERRY)
RAYALASIMA PLATEAU
CUDDAPAH BASIN
ERRAMALA HILLS
NANDYAL VALLEY
NALLAMALA (SOUTH) HILLS
VELIKONDA RANGE
LANKAMALLA HILLS
PALKONDA RANGE (MAHENDRAGIRI RANGE)
NELLORE PAYAN GHAT
COASTAL PLAIN
NELLORE
NAGARI HILLS
CHITTOOR HILLS
EASTERN GHATS
MUTSUKOTA HILLS
Godavari
Penganga
Indravati
Pranhita
Peddavagu
Manjira
Kadakiar
Bhima
Krishna
Tungabhadra
Hindri
Vedavati
Hagari
Pennaru
Papagni
Chitravati
Pennaru
Kandleru
Swarnamukhi
Nagavali
Jalaput Reservoir
Gali Konda
Gosthani Reservoir
Ketamma Parvatam
Kappa Konda
Cheru Konda
Kaling Konda
Dhar
Gundalamma Konda
Chilika Lake
Manar Reservoir
Nizam Sagar
Laknavaram Cheruvu
Pakhal
Musi Reservoir
Musi
Akeru
Yammileru
Kolleru Lake
Nagarjuna Sagar
Dindi
Hillu
Bavanasi
Gundlakamma
Upper Penneru Reservoir
Penukonda
Innaglur
Sudda Koppu
Kanigiri Reservoir
Avulapalle Drug
Pulicat Lake
Tungabhadra Reservoir
Sileru
Eluru
Munneru
Laknavaram
Kaddam
Godavari
Krishna
Penneru
Pennaru
Palar
Punchu
Kandleru
Tungabhadra
Vedavati
Hagari
Chitravati
Papagni
Penneru
Pennaru
Nagavali
Swarnamukhi
Vamsadhara
Indravati
Pranhita
Peddavagu
Manjira
Kadakiar
Bhima
Krishna
Godavari
Penganga
Tungabhadra
Hindri
Vedavati
Hagari
Chitravati
Papagni
Penneru
Pennaru
Kandleru
Swarnamukhi
Nagavali

MAHARASHTRA
MADHYA PRADESH
ORISSA
KARNATAKA
TAMIL NADU
BAY OF BENGAL
INDIA
ANDHRA PRADESH
Adilabad
ADILABAD
Nizamabad
NIZAMABAD
KARIMNAGAR
Karimnagar
WARANGAL
Warangal
MEDAK
Sangareddi
HYDERABAD
RANGAREDDI
Nalgonda
NALGONDA
Mahbubnagar
MAHBUBNAGAR
KHAMMAM
Khammam
EAST GODAVARI
WEST GODAVARI
Kakinada
YANAM (PONDICHERRY)
VIZIANAGARAM
Vizianagaram
SRIKAKULAM
Srikakulam
VISHAKHAPATNAM
Vishakhapatnam
Eluru
Guntur
Machilipatnam
KRISHNA
GUNTUR
PRAKASAM
Ongole
Kurnool
KURNOOL
Nandyal
Anantapur
ANANTAPUR
CUDDAPAH
Cuddapah
Nellore
NELLORE
CHITTOOR
Chittoor
Tirupati
Note:
Most taluks take their names from their headquarters. Where headquarters and taluks have the same names, only the headquarters have been located on the map. Where their names are different, the taluk's name is placed below the headquarters' location in brackets.
NAMES FOR LOCATIONS NUMBERED ON THE MAP
EAST GODAVARI
1. Rajahmundry
2. Ramachandrapuram
3. Rayavaram
4. Gannavaram
WEST GODAVARI
5. Poduru
6. Penumantara
GUNTUR
7. Emani
8. Amruthalur
ADMINISTRATION
State Boundary
District Boundary
Taluk Boundary
State Capital
District Headquarters
Taluk Headquarters
Scale 1:4 000 000 1 cm = 40 kms



POPULATION

ESTIMATED RURAL POPULATION DENSITY (Persons/sq km, district-wise)

- 301–500
- 201–300
- 151–200
- 101–150
- 51–100
- Urban

Note:
The population symbols also indicate the location of the respective towns.

ESTIMATED TOWN POPULATION — 1989 (in thousands)

- Above 1000
- 501–1000
- 251–500
- 101–250
- 51–100
- 21–50
- 10–20

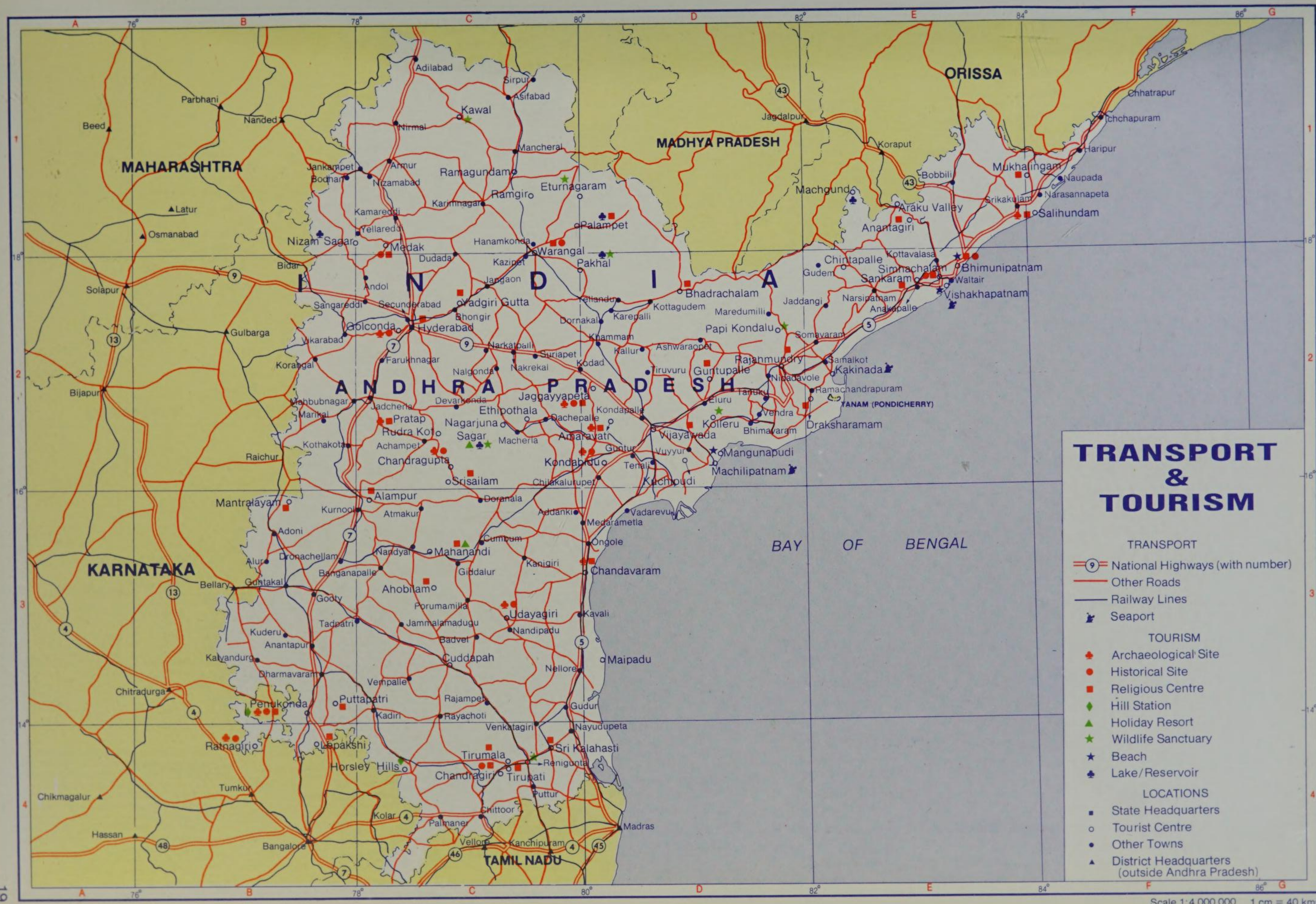
Chittoor — Town

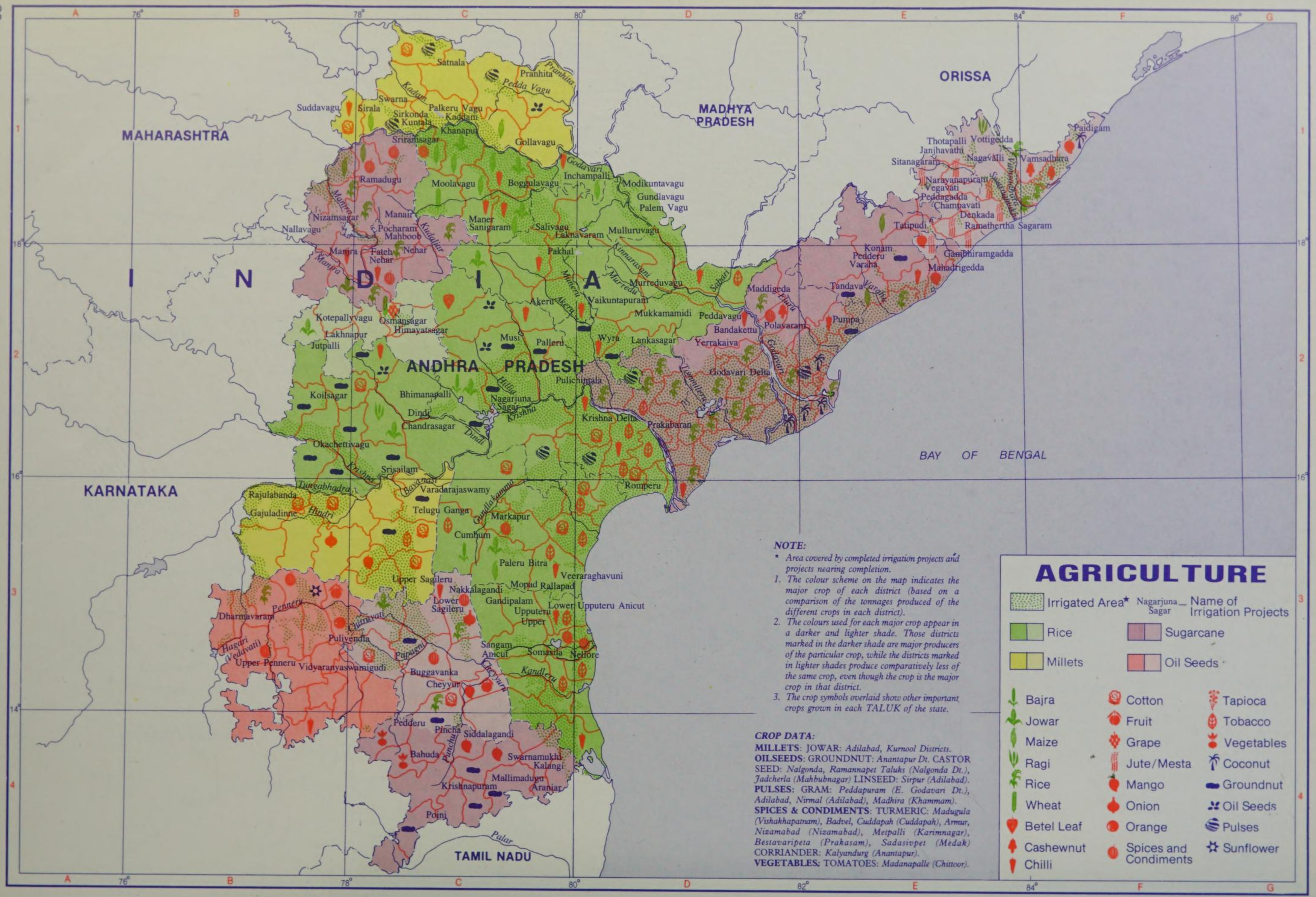
MAJOR CITIES — 1989

Towns with more than 250,000 population (Estimated in thousands)

Hyderabad	3,352
Vishakhapatnam	896
Vijayawada	798
Warangal	502
Guntur	473
Nellore	381
Rajahmundry	357
Kakinada	295
Kurnool	291
Nizamabad	268

Scale 1:4 000 000 1 cm = 40 kms


INDIA
ANDHRA PRADESH
MAHARASHTRA
KARNATAKA
TAMIL NADU
MADHYA PRADESH
ORISSA
BAY OF BENGAL
Adilabad
Sirpur
Asifabad
Kawal
Nirmal
Mancheral
Parbhani
Nanded
Beed
Jankampet
Armur
Bodhan
Nizamabad
Ramagundam
Ramgiri
Eturnagaram
Karimnagar
Kamareddi
Yellareddi
Latur
Osmanabad
Nizam Sagar
Medak
Dudada
Hanamkonda
Warangal
Palampet
Pakhal
Bidar
Andol
Jangaon
Solapur
Sangareddi
Secunderabad
Yadgiri Gutta
Bhongir
Golconda
Hyderabad
Gulbarga
Vikarabad
Farukhnagar
Narkatpalli
Suriapet
Nalgonda
Nakrekal
Kodad
Korangal
Bijapur
Mahbubnagar
Jadcherla
Devarkonda
Jaggayyapeta
Marikal
Pratap Rudra Koti
Nagarjuna Sagar
Macherla
Ethipothala
Dachepalle
Kothakota
Achampet
Raichur
Chandragupta
Srisailam
Mantralayam
Kurnool
Alampur
Atmakur
Doranala
Adoni
Alur
Dronachellam
Nandyal
Mahanandi
Cumbum
Banganapalle
Giddalur
Bellary
Guntakal
Gooty
Ahobilam
Porumamilla
Udayagiri
Tadpatri
Jammalamadugu
Kuderu
Anantapur
Badvel
Kalyandurg
Cuddapah
Dharmavaram
Vempalle
Chitradurga
Penukonda
Puttaparti
Rajampet
Kadiri
Rayachoti
Ratnagiri
Lepakshi
Venkatagiri
Tirumala
Horsley Hills
Chandragiri
Tirupati
Chikmagalur
Tumkur
Hassan
Bangalore
Kolar
Palmaner
Chittoor
Vellore
Kanchipuram
Madras
Addanki
Medarametla
Cumbum
Ongole
Kanigiri
Chandavaram
Kavali
Nandipadu
Nellore
Maipadu
Gudur
Nayudupeta
Sri Kalahasti
Renigunta
Puttur
Vadarevu
Kuchipudi
Machilipatnam
Mangunapudi
Vuyyur
Tenali
Kondapalle
Amaravati
Vijayawada
Guntur
Kolleru
Bhimavaram
Eluru
Tanuku
Vendra
Nidadavole
Rajahmundry
Kovvur
Tiruvuru
Guntupalle
Kakinada
Samalkot
Ramachandrapuram
YANAM (PONDICHERRY)
Drakshsaramam
Papi Kondalu
Maredumilli
Kottagudem
Yellandu
Karepalli
Dornakal
Khammam
Kallur
Ashwaraopet
Somavaram
Jaddangi
Narsipatnam
Anakapalle
Gudem
Chintapalle
Kottavalasa
Simhachalam
Sankaram
Bhimunipatnam
Waltair
Vishakhapatnam
Araku Valley
Anantagiri
Machgund
Koraput
Jagdalpur
Bobbili
Mukhalingam
Srikakulam
Naupada
Narasannapeta
Salihundam
Haripur
Ichchapuram
Chhatrapur
TRANSPORT & TOURISM
TRANSPORT
National Highways (with number)
Other Roads
Railway Lines
Seaport
TOURISM
Archaeological Site
Historical Site
Religious Centre
Hill Station
Holiday Resort
Wildlife Sanctuary
Beach
Lake/Reservoir
LOCATIONS
State Headquarters
Tourist Centre
Other Towns
District Headquarters (outside Andhra Pradesh)
Scale 1:4 000 000 1 cm = 40 kms



NOTE:

* *Area covered by completed irrigation projects and projects nearing completion.*

1. *The colour scheme on the map indicates the major crop of each district (based on a comparison of the tonnages produced of the different crops in each district).*
2. *The colours used for each major crop appear in a darker and lighter shade. Those districts marked in the darker shade are major producers of the particular crop, while the districts marked in lighter shades produce comparatively less of the same crop, even though the crop is the major crop in that district.*
3. *The crop symbols overlaid show other important crops grown in each TALUK of the state.*

CROP DATA:

MILLETS: JOWAR: *Adilabad, Kurnool Districts.*
OILSEEDS: GROUNDNUT: *Anantapur Dt.* CASTOR SEED: *Nalgonda, Ramannapet Taluks (Nalgonda Dt.), Jadcherla (Mahbubnagar)* LINSEED: *Sirpur (Adilabad).*
PULSES: GRAM: *Peddapuram (E. Godavari Dt.), Adilabad, Nirmal (Adilabad), Madhira (Khammam).*
SPICES & CONDIMENTS: TURMERIC: *Madugula (Vishakhapatnam), Badvel, Cuddapah (Cuddapah), Armur, Nizamabad (Nizamabad), Metpalli (Karimnagar), Bestavaripeta (Prakasam), Sadasivpet (Medak)* CORRIANDER: *Kalyandurg (Anantapur).*
VEGETABLES: TOMATOES: *Madanapalle (Chittoor).*

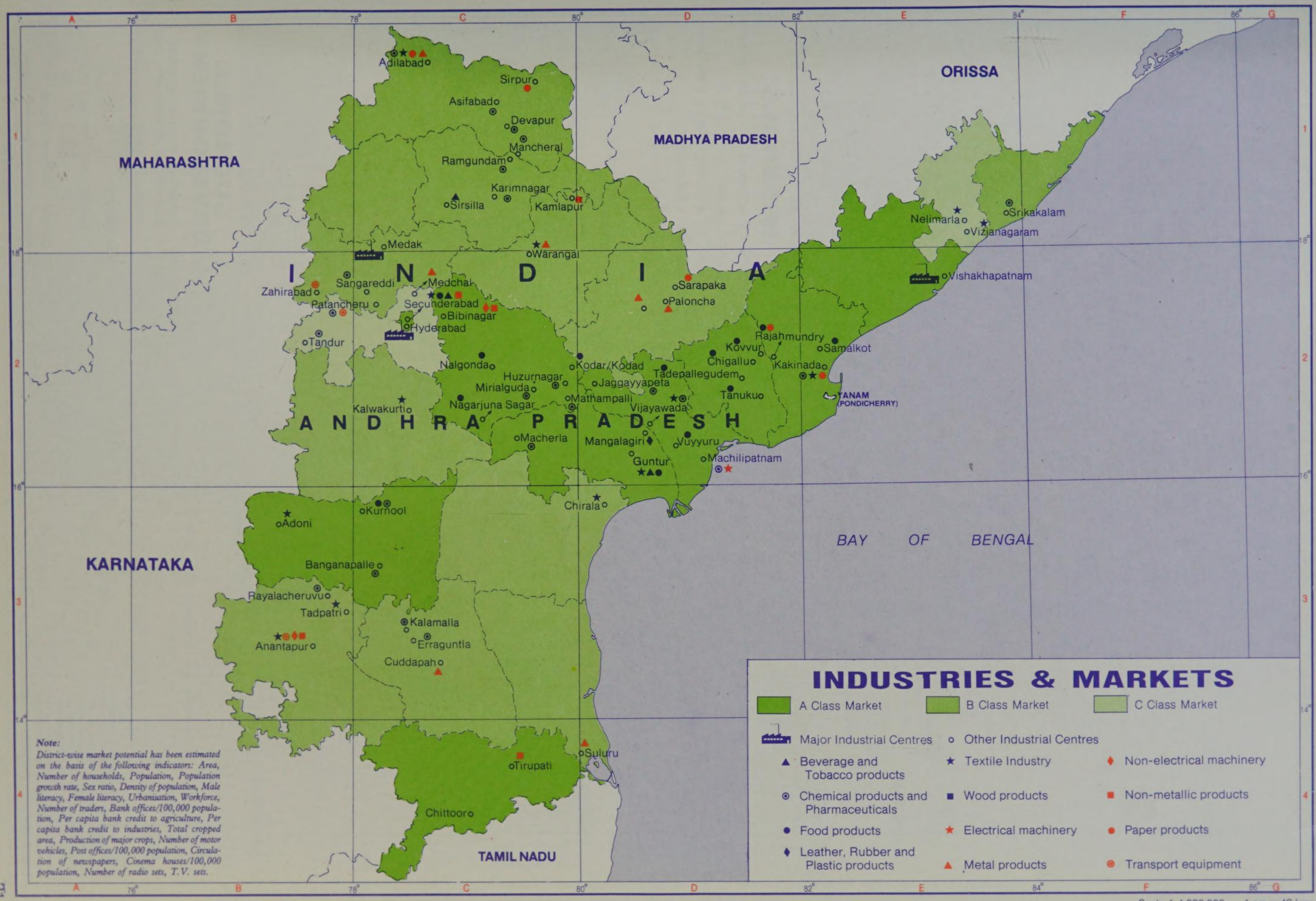
AGRICULTURE

Irrigated Area* Nagarjuna Sagar — Name of Irrigation Projects

Rice
Sugarcane
Millets
Oil Seeds

Bajra
Jowar
Maize
Ragi
Rice
Wheat
Betel Leaf
Cashewnut
Chilli
Cotton
Fruit
Grape
Jute/Mesta
Mango
Onion
Orange
Spices and Condiments
Tapioca
Tobacco
Vegetables
Coconut
Groundnut
Oil Seeds
Pulses
Sunflower

Scale 1:4 000 000 1 cm = 40 kms



Note:
District-wise market potential has been estimated on the basis of the following indicators: Area, Number of households, Population, Population growth rate, Sex ratio, Density of population, Male literacy, Female literacy, Urbanisation, Workforce, Number of traders, Bank offices/100,000 population, Per capita bank credit to agriculture, Per capita bank credit to industries, Total cropped area, Production of major crops, Number of motor vehicles, Post offices/100,000 population, Circulation of newspapers, Cinema houses/100,000 population, Number of radio sets, T.V. sets.

INDUSTRIES & MARKETS

- A Class Market
- B Class Market
- C Class Market
- Major Industrial Centres
- Other Industrial Centres
- Beverage and Tobacco products
- Textile Industry
- Non-electrical machinery
- Chemical products and Pharmaceuticals
- Wood products
- Non-metallic products
- Food products
- Electrical machinery
- Paper products
- Leather, Rubber and Plastic products
- Metal products
- Transport equipment

Scale 1:4 000 000 1 cm = 40 kms

A

B

C

D

E

F

75°

78°

80°

82°

84°

1

2

3

4

18°

16°

14°

ORISSA

MAHARASHTRA

MADHYA PRADESH

KARNATAKA

TAMIL NADU

BAY OF BENGAL

I N D I A

ADILABAD

NIZAMABAD

KARIMNAGAR

MEDAK

WARANGAL

HYDERABAD

RANGAREDDI

NALGONDA

KHAMMAM

Peddanakonda

VIZIANAGARAM

SRIKAKULAM

VISHAKHAPATNAM

EAST GODAVARI

WEST GODAVARI

YANAM (PONDICHERRY)

KRISHNA

GUNTUR

PRAKASAM

MAHBUBNAGAR

KURNOOL

ANANTAPUR

CUDDAPAH

Brahmanapalle

NELLORE

Gudur

CHITTOOR

ANDHRA PRADESH

Note:

1. *The town/village names on the map are major mining centres of the mineral/minerals indicated alongside the town/village name.*
2. *All other mineral symbols are located in the taluks/tahsils where the respective minerals are mined.*

MINERALS

- Asbestos
- Clay
- Coal
- Graphite
- Gypsum
- Iron
- Lead & Copper
- Limestone
- Manganese
- Mica
- Silica Sand

ADILABAD

Nizamabad

Karimnagar

Medak

Warangal

HYDERABAD

RANGAREDDI

Nalgonda

Khammam

VISHAKHAPATNAM

Srikakulam

VIZIANAGARAM

EAST GODAVARI

WEST GODAVARI

YANAM (PONDICHERRY)

Mahbubnagar

KRISHNA

GUNTUR

Kurnool

Prakasam

Anantapur

Cuddapah

Nellore

Chittoor

Note:

The levels of economic development are based on the following indicators: Per capita value of output of major crops, Per capita bank credit to agriculture, Number of mining and factory workers per 100,000 population, Number of households of manufacturing workers per 100,000 population, Per capita bank credit for manufacturing sector, Per capita bank deposits, Per capita bank credit to services, Literacy and Urbanisation.

ECONOMIC DEVELOPMENT

ESTIMATED INDEX OF LEVELS OF ECONOMIC DEVELOPMENT – 1989

AVERAGE

All India 100 →

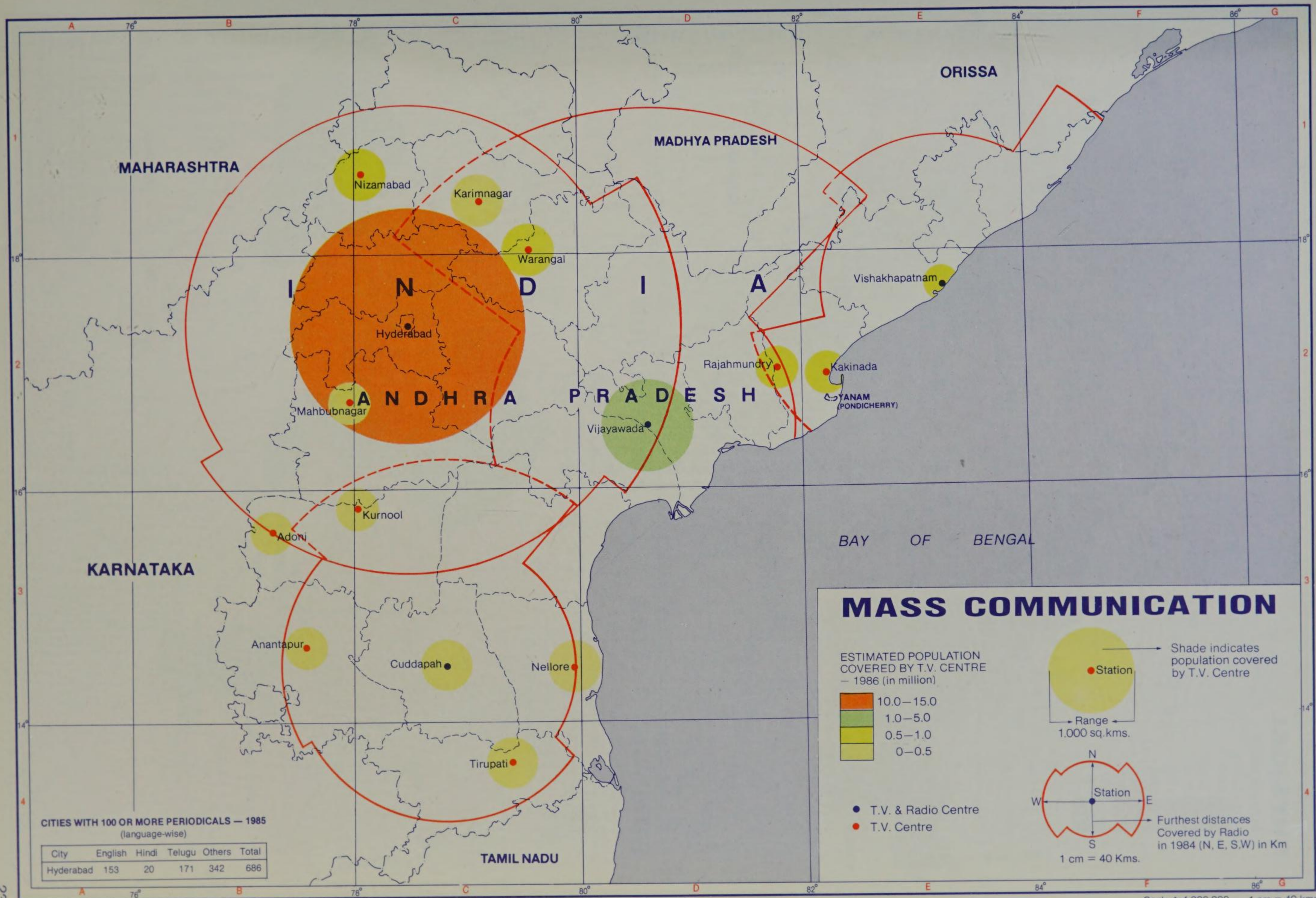
State 56 →

- Over 200
- 100–150
- 75–100
- 50–75
- 25–50

GUNTUR – Developed Districts

Medak – Notified Backward Districts

Scale 1:5 500 000 1 cm = 55 kms



City	English	Hindi	Telugu	Others	Total
Hyderabad	153	20	171	342	686

Scale 1:4 000 000 1 cm = 40 kms

ARUNACHAL PRADESH

PHYSICAL

ALTITUDE SCALE

7500 m
6000
4500
3000
1800
1350
900
600
300
150

A

C H I N A

TIBET

GREAT HIMALAYA

ARUNACHAL LESSER HIMALAYA

ASSAM SHIWALIK

PATKAI RANGE

PURVANCHAL

Tsangpo
Adzon
Kelingon
Moling
Siyom
Subansiri
Yorjing
Ahui
Kamla
Kurung
Kameng
Potu
Sessen or Sesar
Dihang or Siang
SADIYA BASIN
Lohit
Tellu
Noa Dihing or Diyum
Tirap
Tenga
Kameng
Brahmaputra

ARUNACHAL PRADESH

BHUTAN

MYANMAR (BURMA)

ASSAM

NAGALAND

ADMINISTRATION

- International Boundary
- State Boundary
- District Boundary
- State Capital
- District Headquarters
- Taluk Headquarters

POPULATION

Note:
Estimated rural population density — 1989 (persons/sq.km.) is 8

B

CHINA

TIBET

UPPER SUBANSIRI
WEST SIANG
EAST SIANG
DIBANG VALLEY
LOHIT
LOWER SUBANSIRI
WEST KAMENG
EAST KAMENG
TIRAP

Tuting
Anini
Tato
Karko
Anelih
Dambuk
Roing
Mebo
Pangin
Along
Pasighat
Basar
Tali
Daporijo
Tezu
Chonkham
Wakro
Walong
Namsai
Nyapin
Palin
Kherewa
Tawang
Ziro
Seppa
Bomdila
Sagali
Kimin
Miao
Manmao
Kalaktang
Bhalukpong
ITANAGAR
Khonsa
Laju
Niausa
Wakka
Pongchau

CHINA

BHUTAN

MYANMAR (BURMA)

ASSAM

NAGALAND

Note:
Most taluks take their names from their headquarters. Where headquarters and taluks have the same names, only the headquarters have been located on the map. Where their names are different, the taluk's name is placed below the headquarters' location in brackets.

Scale 1:1 200 000 1 cm = 12 kms

TRANSPORT & TOURISM

A

TRANSPORT
- National Highways (with number)
- Other Roads
- Railway Lines

LOCATIONS
- State Headquarters
- Tourist Centre
- Other Towns
- District Headquarters (outside Arunachal Pradesh)

TOURISM
- Historical Site
- Religious Centre
- Wildlife Sanctuary

CHINA
TIBET
BHUTAN
MYANMAR (BURMA)
NAGALAND
ASSAM
ARUNACHAL PRADESH
INDIA

Bruini, Jidu, Bomdo, Parasuram Kund, Amilli, Pangin, Bhismaknagar, Along, Pasighat, Roing, Minutang, Tezu, Brahmakund, Tawai, Tapun, Vijayanagar, Hachi, Gocham, Daring, Ledum, Malinthan, Ziro, Dolungmukh, Hapoli, Dibrugarh, Riang, Dirang, Rizon, Bomdila, North Lakhimpur, Lilabari, Tirap, Bhalukpong, Sonai Rupai, Itanagar, Sibsagar, Khonsa, Jorhat, Niausa, Tezpur, Tawang

INDUSTRIES & MARKETS

B

- C Class Market
- Other Industrial Centres
- Wood products
- Electrical machinery
- Non-metallic products

MINERALS

- Asbestos
- Coal
- Dolomite
- Lime Stone

CHINA
TIBET
BHUTAN
MYANMAR (BURMA)
NAGALAND
ASSAM
ARUNACHAL PRADESH
INDIA

WEST SIANG, EAST SIANG, UPPER SUBANSIRI, DIBANG VALLEY, LOWER SUBANSIRI, LOHIT, WEST KAMENG, EAST KAMENG, TIRAP, Rupa, Itanagar, Pasighat, Tezu

Note:
District-wise market potential has been estimated on the basis of the following indicators: Area, Number of households, Population, Population growth rate, Sex ratio, Density of population, Male literacy, Female literacy, Urbanisation, Workforce, Number of traders, Bank offices/100,000 population, Per capita bank credit to agriculture, Per capita bank credit to industries, Total cropped area, Production of major crops, Number of motor vehicles, Post offices/100,000 population, Circulation of newspapers, Cinema houses/100,000 population, Number of radio sets, T.V. sets.

ECONOMIC DEVELOPMENT

C

ESTIMATED INDEX OF LEVELS OF ECONOMIC DEVELOPMENT – 1989

AVERAGE
All India 100
State12 →
25–50
0–25

Tirap – Notified Backward Districts

Note:
The levels of economic development are based on the following indicators: Per capita value of output of major crops, Per capita bank credit to agriculture, Number of mining and factory workers per 100,000 population, Number of households of manufacturing workers per 100,000 population, Per capita bank credit for manufacturing sector, Per capita bank deposits, Per capita bank credit to services, Literacy and Urbanisation.

CHINA
TIBET
BHUTAN
MYANMAR (BURMA)
NAGALAND
ASSAM
ARUNACHAL PRADESH
INDIA

Dibang Valley, West Siang, East Siang, Upper Subansiri, Lower Subansiri, West Kameng, East Kameng, Lohit, Tirap

MASS COMMUNICATION

D

ESTIMATED POPULATION COVERED BY T.V. CENTRE –1986(in million)
0–0.5
T.V. Centre
Radio Centre

Station
Range 1000sq. kms
Shade indicates population covered by T.V. Centre

N, W, Station, E, S
Furthest distance covered by Radio in 1984 (N.E.W.S.) in km

1 cm. = 27 kms.

CHINA
TIBET
BHUTAN
MYANMAR (BURMA)
NAGALAND
ASSAM
ARUNACHAL PRADESH
INDIA

Pasighat, Tezu, Tawang, Itanagar

92° A B 94° C 96° D

Scale 1:2 700 000 1 cm = 27 kms

ASSAM

PHYSICAL

ALTITUDE SCALE

1800 m
1350
900
600
300
150
0

CHINA
TIBET
BHUTAN
ARUNACHAL PRADESH
WEST BENGAL
MEGHALAYA
BANGLADESH
NAGALAND
MYANMAR (BURMA)
MANIPUR
TRIPURA
MIZORAM
BURMA

Sankosh or Mo
Kuru
Manas or Gong
Nyera Ama
Kameng
Subansiri
Brahmaputra
Belsiri
Dhansiri
Champaman
Ai
Manas
Mora Manas
Bar
Kalang
Umiam
Borpani
Kopili
Dikhu
Chindwin
Imphal or Manipur
Yu
Kalni
Langai
Dhaleswari

SADIYA BASIN
Lohit
DIBRUGARH PLAIN
Dibru
UPPER ASSAM VALLEY
Burhi Dihing
SIBSAGAR PLAIN
NOWGONG PLAIN
MIKIR HILLS
RENGMA HILLS
SOUTH BRAHMAPUTRA HILLS
NORTH CACHAR HILLS
BARAIL RANGE
CACHAR PLAIN
PURVACHAL

ADMINISTRATION

International Boundary
State Boundary
District Boundary
State Capital
District Headquarters
Taluk Headquarters

Note:
Most taluks take their names from their headquarters. Where headquarters and taluks have the same names, only the headquarters have been located on the map. Where their names are different, the taluk's name is placed below the headquarters' location in brackets.

KOKRAJHAR
Kokrajhar
Gossaigaon
Sidli
Bijni
Bongaigaon
DHUBURI
Dhuburi
Golakganj
Tamarhat
Bilasipara
GOALPARA
Goalpara
Lakhipur
South Salmara (SALMARA)
Mankachar
BARPETA
Barpeta
Abhayapuri
Bagbor
Tarabari
Patacharkuchi
NALBARI
Nalbari
Barama
Tamulpur
Rangia
Sorbhog
Dudhnai
Boko
Chhaygaon
KAMRUP
Guwahati
DISPUR
North Guwahati
Palasbari
Hajo
Mukalmua
Jalukbari
DARRANG
Mangaldai
Udalguri
Raneri
Kalaigaon
Dalgaon
Majbat
SONITPUR
Tezpur
Dhekiajuli
Rangapara
Gohpur
Behali
Dhing
Koliabor
NAGAON
Nagaon
Lahorighat
Mikirbheta
Raha
Jagiroad
Jamunamukh
Kampur
Rupahihat
Samaguri
KARBI ANGLONG
Diphu
Howraghat
Baithalangso
Lanka
Lumding
Murajhar (HOJAI)
Bokajan
Saru Pathar
NORTH CACHAR HILLS
Maibong
Haflong
LAKHIMPUR
North Lakhimpur
Dhakuakhana
Bihpuria
Majuli
Dhemaji
Jonai Bazar (JONAI)
Sadiya
Dum Duma
Chabua
Tinsukia
Dibrugarh
DIBRUGARH
Bordubi
Digboi
Jaipur
Margherita
Moran
Barhat (MORANHAT)
Dimau
Sibsagar
SIBSAGAR
Sonari
Nazira
JORHAT
Jorhat
Teok
Amguri
Dergaon (HATIJURI TG)
Titabar
Mariani (HATIJURI)
GOLAGHAT
Golaghat
Bokakhat
Merapani
Karimganj
Badarpur
Katigara
Barkhola
Udharbond
Silchar
Lakhimpur
CACHAR
KARIMGANJ
Hailakandi
Sonaimukh
Pathapkandi
Ratabari
Dhalai
Katlichara

NAMES FOR LOCATIONS NUMBERED ON THE MAP
1. Bharalamukh
2. Paltan Bazar
3. Noonmati

Scale 1:3 200 000 1 cm = 32 kms

POPULATION

ESTIMATED RURAL POPULATION DENSITY – 1989
(Persons/sq km, District-wise)

- 301–500
- 201–300
- 151–200
- 1–50

ESTIMATED TOWN POPULATION – 1989
(in thousands)

- ▲ 250–500
- ♦ 100–250
- ★ 50–100
- □ 20–50
- ⊙ 10–20

Hajo – Town

Note:
The population symbols also indicate the location of the respective towns.

CHINA
TIBET
BHUTAN
ARUNACHAL PRADESH
WEST BENGAL
BANGLADESH
MEGHALAYA
NAGALAND
MANIPUR
MIZORAM
TRIPURA
MYANMAR (BURMA)
INDIA

Dum Duma
Tinsukia
Dibrugarh
Dhulijan
Digboi
Margherita
Nahorkatia
Namrup
North Lakhimpur
Bihpuria
Sibsagar
Jorhat
Mariani
Dergaon
Golaghat
Dhekiajuli
Tezpur
Tangla
Kharupatia
Mangaldai
Dhing
Nagaon
Barpeta Road
Bongaigaon
Bijni
Nalbari
Rangia
Howli
Barpeta
Kokrajhar
North Guwahati
Niz-Hajo
Sapatgram
Bilasipara
Abhayapuri
Gouripur
Goalpara
Dhuburi
Sualkuchi
Guwahati
Hojai
Diphu
Lumding
Haflong
Mankachar
Badarpur
Karimganj
Badarpur Railway Town
Silchar
Hailakandi

MAJOR CITIES — 1989

Towns with more than 250,000 population
(Estimated in thousands)

Guwahati	484
Jorhat	311

Scale 1:2 200 000 1 cm = 22 kms

TRANSPORT & TOURISM

TRANSPORT
- National Highways (with number)
- Other Roads
- Railway Lines

TOURISM
- Archaeological Site
- Historical Site
- Religious Centre
- Wildlife Sanctuary
- Lake/Reservoir

LOCATIONS
- State Headquarters
- Tourist Centre
- Other Towns
- District Headquarters (outside Assam)

ARUNACHAL PRADESH
Pasighat
Kundil Bazar
Tinsukia
Makum
Dibrugarh
Digboi
Seppa
Itanagar
North Lakhimpur
Pabha W.L.S.
Sibsagar
Sonari
Majuli
Simaluguri
Jorhat
Amguri
Mon
Mariani
Golaghat
Kaziranga
Tezpur
Silghat
Sonal Rupa W.L.S.
Balipara
Rowta
Orang W.L.S.
Ladkhowa W.L.S.
Nagaon
Chaparmuk
Dabaka
Nakhola
Dispur
Guwahati
Barpeta
Hajo
Nalbari
Tamulpur
Darranga
Manas
BHUTAN
Kochugaon
Bongaigaon
Sidli
Salmarn
Rangia
Mangaldai
WEST BENGAL
Goalpara
Agia
Dhuburi
Chandubi
Barduar
Mokokchung
Tuensang
NAGALAND
Wokha
Zunheboto
Diphu
Lumding
Kohima
Phek
MYANMAR (BURMA)
MEGHALAYA
Shillong
Tura
Williamnagar
Nongstoin
Jowai
Haflong
Karong
Ukhrul
Tamenglong
MANIPUR
Imphal
Thoubal
Bishnupur
Silchar
Karimganj
Dwarband
Dharmanagar
Churachandpur
Chandel
BANGLADESH
TRIPURA
MIZORAM
BURMA

AGRICULTURE

Irrigated Area* Jamuna — Name of Irrigation Projects

Rice

Sugarcane

Maize
Rice
Wheat
Arecanut
Jute/Mesta
Potato
Sugarcane
Tea
Oil Seeds

CHINA
TIBET
ARUNACHAL PRADESH
Lohit
Dibru
Burhi Dihing
Buridihing
Brahmaputra
Kameng
Jhanzi
Mora Dhansiri
Dhansiri
Belsiri
Kaliabor
Horguti
Patradisa
Jamuna
Hawaipur
Kulung
Kalang
Kopili
Borpani
Umiam
Manas
Mora Manas
Ai
Champamati
Bar
Sokla
Dekadong
Kaldiya
Borolia
Longa
Jajliagaon
WEST BENGAL
BHUTAN
NAGALAND
MYANMAR (BURMA)
MEGHALAYA
MANIPUR
BANGLADESH
Barak
Langai
Dhaleswari

NOTE:
* Area covered by completed irrigation projects and projects nearing completion.
1. The colour scheme on the map indicates the major crop of each district (based on a comparison of the tonnages produced of the different crops in each district).
2. The colours used for each major crop appear in a darker and lighter shade. Those districts marked in the darker shade are major producers of the particular crop, while the districts marked in lighter shades produce comparatively less of the same crop, even though the crop is the major crop in that district.
3. The crop symbols overlaid show other important crops grown in each TALUK of the state.

Scale 1:3 200 000 1 cm = 32 kms

INDUSTRIES & MARKETS

- A Class Market
- B Class Market
- C Class Market
- Beverage and Tobacco products
- Chemical products and Pharmaceuticals
- Leather, Rubber and Plastic products
- Textile Industry
- Wood products
- Non-metallic products
- Paper products

CHINA
TIBET
ARUNACHAL PRADESH
BHUTAN
WEST BENGAL
MEGHALAYA
BANGLADESH
NAGALAND
MYANMAR (BURMA)
MANIPUR
TRIPURA
MIZORAM
BURMA

Tinsukia, Dum Duma, Dibrugarh, Siajuli, Namdang, Margherita, Morang, Tinring, Lakhimpur, Namrup, Sibsagar, Jorhat, Golaghat, Darranga, Dhekiajuli, Tezpur, Bishwanath, Dalgaon, Orang, Kaupati, Mangaldai, Nagaon, Bongaigaon, Jogighopa, Goalpara, Guwahati, Noonmati, Bokajan, Silchar, Chandrapur, Dullabchara

INDIA

Note:
District-wise market potential has been estimated on the basis of the following indicators: Area, Number of households, Population, Population growth rate, Sex ratio, Density of population, Male literacy, Female literacy, Urbanisation, Workforce, Number of traders, Bank offices/100,000 population, Per capita bank credit to agriculture, Per capita bank credit to industries, Total cropped area, Production of major crops, Number of motor vehicles, Post offices/100,000 population, Circulation of newspapers, Cinema houses/100,000 population, Number of radio sets, T.V. sets.

MINERALS

- Cement and Mortar
- China Clay (Kaolin)
- Coal
- Crude Oil
- Gold
- Granite
- Limestone
- Salt

CHINA
TIBET
ARUNACHAL PRADESH
BHUTAN
WEST BENGAL
MEGHALAYA
BANGLADESH
NAGALAND
MYANMAR (BURMA)
MANIPUR
TRIPURA
MIZORAM
BURMA

LAKHIMPUR, DIBRUGARH, Digboi, SIBSAGAR, SONITPUR, GOLAGHAT, JORHAT, KOKRAJHAR, BARPETA, NALBARI, DARRANG, NAGAON, KARBI ANGLONG, DHUBURI, GOALPARA, KAMRUP, NORTH CACHAR HILLS, KARIMGANJ, CACHAR

INDIA

Note:
1. *The town/village names on the map are major mining centres of the mineral/minerals indicated alongside the town/village name.*
2. *All other mineral symbols are located in the taluks/tahsils where the respective minerals are mined.*

Scale 1:3 200 000 1 cm = 32 kms

ECONOMIC DEVELOPMENT

ESTIMATED INDEX OF LEVELS OF ECONOMIC DEVELOPMENT – 1989

AVERAGE
All India 100 →
State 36 →

150–200
25–50
0–25

JORHAT – Other Districts
Nagaon – Notified Backward Districts

Note:
The levels of economic development are based on the following indicators: Per capita value of output of major crops, Per capita bank credit to agriculture, Number of mining and factory workers per 100,000 population, Number of households of manufacturing workers per 100,000 population, Per capita bank credit for manufacturing sector, Per capita bank deposits, Per capita bank credit to services, Literacy and Urbanisation.

MASS COMMUNICATION

ESTIMATED POPULATION COVERED BY T.V. CENTRE – 1986 (in million)

1–5
0.5–1
0–0.5

T.V. & Radio Centre
T.V. Centre

Shade indicates population covered T.V. Centre

Station
Range 1000 sq. kms.

N
W Station E
S
Furthest distance covered by Radio in 1984 (N.E.W.S) in km

1 cm. = 32 kms.

Scale 1:3 200 000 1 cm = 32 kms

BIHAR

Scale 1:2 500 000 1 cm = 25 kms

ADMINISTRATION

- International Boundary
- State Boundary
- District Boundary
- Taluk Boundary
- State Capital
- District Headquarters
- Taluk Headquarters

Note:
Most taluks take their names from their headquarters. Where headquarters and taluks have the same names, only the headquarters have been located on the map. Where their names are different, the taluk's name is placed below the headquarters' location in brackets.

CHINA
TIBET
NEPAL
SIKKIM
BANGLADESH
UTTAR PRADESH

PASCHIM CHAMPARAN
Sidhaw
Gawnaha
Ramnagar
Narkatiaganj
Bagaha
Mainatanr
Madhubani
Lauriya
Sikta
Jogapatti
Chanpatia
Bettiah
Thakraha
Bairia
Majhwalia
Nautan

PURBA CHAMPARAN
Raxaul
Adapur
Ramgarhwa
Narkatia
Ghorasahan
Sugauli
Motihari
Harsidhi
Chiraiya
Dhaka
Piprarhi
Riga
Bathnaha
Paharpur
Pakridayal
Patahi
Sitamarhi
Sursand
Bazpatti
Pupri
Shivhar
Belsand
Kesariya
Chakia
Mehsi
Nanpur
Runni
Jale

GOPALGANJ
Gopalganj
Katea
Kuchai Kot
Bijaipur
Bhore
Uchkagaon
Hathua
Manjhagarh
Barauli

SIWAN
Mairwa
Siwan
Barharia
Goreakothi
Baikunthpur
Gothini
Hussainganj
Pachrukhi
Sisa
Basantpur
Andar
Maharajganj
Masrakh
Darauli
Duraundha
Bhagwanpur Hat
Taraia
Raghunathpur
Gangapur Siswan
Ekma
Baniapur
Marhaura
Amnaur

SARAN
Manjhi
Jalalpur
Garkha
Revelganj
Chhapra
Parsa
Dariapur
Dighwara
Sonpur

MUZAFFARPUR
Muzaffarpur
Minapur
Aurai
Baruraj
Sahibganj
Kanti
Bochaha
Katra
Gaighatti
Paroo
Saraiya
Dholi
Haiaghat

VAISHALI
Hajipur
Vaishali
Kurhani
Sakra
Goraul
Lalganj
Patepur
Mahuwa
Hazrat Jandaha
Sahdar
Shahpur Patori
Bidupur
Raghopur

DARBHANGA
Darbhanga
Keotiranway
Singhwara
Bahadurpur
Kalyanpur
Pusa
Warisnagar
Samastipur
Tajpur
Ujiarpur
Sarairanjan
Bibnutpur
Dalsingh Sarai
Mohiuddinnagar

SAMASTIPUR
Singia
Asthan
Rusera
Hasanpur
Khudabandpur
Cherla Bariarpur
Bachwara
Bakhri
Teghra
Bhagwanpur
Barauni
Begusarai
Ballia
Sahibpur Kamal
Matihani
Mokama

MADHUBANI
Madhubani
Basopatti
Harlakhi
Jaynagar
Ladania
Laukaha
Laukahi
Benipatti
Khajauli
Barhi
Rajnagar
Andhra Tharhi
Phulparas
Bisfi
Pandaul
Jhanjharpur

SAHARSA
Saharsa
Basantpur
Nirmali
Raghopur
Kishanpur
Chhatapur
Pipra
Tribeniganj
Marauna
Madhepur
Manigachi
Supaul
Ghanshampur
Benipur
Kumarkhad
Singheswar
Nauhatta
Biraul
Baheri
Madhepura
Murliganj
Sour Bazar
Mahishi
Simri Bakhtiarpur
Salkhua
Sonbarsa Rai
Kishanganj

KHAGARIA
Khagaria
Alauli
Beldaur
Chautham
Gogri
Chausa
Alamnagar

BEGUSARAI
Begusarai
Munger
Parbatta
Bihpur

MUNGER
Jamalpur
Surajgarha
Dharhara
Luckeesarai
Kharagpur
Tarapur
Halsi
Lakshmipur
Sangrampur

BHAGALPUR
Bhagalpur
Nathnagar
Sabaur
Colgong
Sultanganj
Shahkund
Jagdishpur
Sambhuganj
Sonahula
Amarpur
Rajaun
Dhuraia
Mahagama
Bara Boarijor
Bhorio
Rajmahal

SAHIBGANJ
Sahibganj
Mehrma
Taljhari

PURNIA
Purnia
Narpatganj
Sikti
Kursakatta
Ternagachh
Dighalbank
Thakurganj
Forbesganj
Bahadurganj
Pothia
Palasi
Kochadhamin
Araria
Bhargama
Joki Hat
Kishanganj
Raniganj
Baisa
Banmanki
Kirtianandnagar
Qasba
Amour
Barahara Kothi
Dhamdaha
Baisi
Bhawanipur
Falka
Kora
Rupauli
Barari
Pranpur
Naugachhia
Gopalpur
Pirpainti
Manjhari
Amdabad

KATIHAR
Katihar
Kadwa
Barsoi
Azamnagar
Balrampur

PATNA
Patna
Maner
Khagaul
Phulwari
Punpun
Naubatpur
Fatwah
Bakhtiarpur
Masaurhi
Dhanarua
Paliganj
Barh
Pandarakh

BHOJPUR
Ara
Koilwar
Buxar
Dumraon
Barhampur
Bihiya
Shahpur
Simri
Barhra
Itarhi
Jagdispur
Udawantnagar
Nawanagar
Rajpur
Sandes
Bikram
Charpokhri
Piro
Dawath
Sahar
Tarari
Arwai

JAHANABAD
Jahanabad
Kako
Karpi
Kurtha
Ghosi
Makhdumpur

NALANDA
Bihar Sharif
Harnaut
Hilsa
Chandi
Nur Sarai
Rahui
Sarmera
Asthanwan
Ekangar Sarai
Islampur
Bar Bigha
Sheikhpura
Giriak
Rajgir
Ariari
Waris Aliganj
Pakribarawan

ROHTAS
Sasaram
Ramgarh
Durgauti
Mohania
Chand
Dinara
Bikramganj
Karakat
Karghar
Nokha
Bhabua
Kudra
Chainpur
Nasriganj
Daudnagar
Hansdpura
Bhagwanpur
Chanari
Dehri
Barun
Sheosagar
Obra
Goh
Koch
Tekari
Bela
Khizrsarai
Atri

NAWADA
Nawada

Scale 1:1 700 000 1 cm = 17 kms

POPULATION

ESTIMATED RURAL POPULATION DENSITY — 1989
(Persons/sq km, District-wise)

- 501—1000
- 301—500
- 201—300
- 151—200
- 101—150

Dehri — Town
Pohadi — Village

ESTIMATED TOWN/VILLAGE POPULATION — 1989
(in thousands)

- Above 1000
- 500—1000
- 250—500
- 100—250
- 50—100
- 20—50
- 10—20

Note:
The population symbols also indicate the location of the respective towns/villages.

MAJOR CITIES — 1989

Towns with more than 250,000 population
(Estimated in thousands)

Patna	1,550
Dhanbad	979
Jamshedpur	921
Ranchi	884
Bokaro	562
Gaya	320
Bhagalpur	272
Muzaffarpur	264

CHINA
TIBET
NEPAL
SIKKIM
BANGLADESH
UTTAR PRADESH

Scale 1:1 700 000 1 cm = 17 kms

TRANSPORT & TOURISM

TRANSPORT

- National Highways (with number)
- Other Roads
- Railway Lines

TOURISM

- Historical Site
- Religious Centre
- Hill Station
- Holiday Resort
- Wildlife Sanctuary
- Lake/Reservoir

LOCATIONS

- State Headquarters
- Tourist Centre
- Other Towns
- District Headquarters (outside Bihar)

NEPAL

UTTAR PRADESH

MADHYA PRADESH

BIHAR

WEST BENGAL

ORISSA

BANGLADESH

BAY OF BENGAL

Mouths of the Ganga

Gorakhpur, Deoria, Siwan, Gopalganj, Bettiah, Raxaul, Sagauli, Motihari, Gobindganj, Sitamarhi, Jaynagar, Madhubani, Jogbani, Nirmali, Supaul, Basantpur, Kishanganj, Darbhanga, Muzaffarpur, Vaisali, Sidhwalia, Ballia, Ghazipur, Chhapra, Sonpur, Hajipur, Samastipur, Banmankhi, Saharsa, Purnia, Katihar, Kursela, Barauni, Begusarai, Sahibpur, Mansi, Munger, Coigong, Pirpainti, Bhagalpur, Sahibganj, Rajmahal, Ingraj Bazar, Buxar, Ara, Maner, Patna, Bakhtiyarpur, Luckeesarai, Bihar-Shariff, Nalanda, Pavapuri, Rajgir, Islampur, Jahanabad, Bikramganj, Mohania, Bhabua, Sasaram, Dehri, Daudnagar, Aurangabad, Rohtas, Betla, Gaya, Nawada, Bodh Gaya, Dobbi, Kiul, Sikandra, Jamui, Barahat, Banka, Godda, Mandar Hill, Berhait, Litipara, Simaltala, Chakai, Jasidih, Devghar, Hansdiha, Madhupur, Dumka, Giridih, Masanjor, Baharampur, Dalmianagar, Barhi, Tilaiya, Chatra, Rajderwa, Garwa, Daltenganj, Palamau, Bagodar, Hazaribag, Konar, Parasnath, Dumri, Topchanchi, Bokaro, Maithon, Chittaranjan, Dhanbad, Sindri, Jharia, Mandu, Chandwa, Kuru, Netarhat, Ramgarh, Petarbar, Gola, Chas, Ranchi, Ghaghra, Gumla, Khunti, Chandil, Puruliya, Bankura, Barddhaman, Jamshedpur, Kolebira, Simdega, Chaibasa, Haludpukhur, Ghatshila, Medinipur, Baharagora, Hat Gamaria, Sundargarh, Kendujhargarh, Baripada, Sambalpur, Baleshwar

Scale 1:2 500 000 1 cm = 25 kms

AGRICULTURE

CROP DATA:
FRUIT: JACK FRUIT: *Revaganj C.D. Block (Saran Dt.) Deoghar, Dumka (Santhal Pargana)*
MILLETS: MAIZE: *Palamu District*
OILSEEDS: LINSEED: *Bairgania C.D. Block (Sitamarhi Dt.) Nabinagar, Rafiganj (Aurangabad)*
PULSES: GRAM: *Bhabua C.D. Block (Rohtas Dt.)*
VEGETABLES: CAULIFLOWER: *Kanke C.D. Block (Ranchi Dt.) Revalganj (Saran)*
OTHER CROPS: POTATO: *Hazaribag District.*

Bishunpur ← Name of Irrigation Projects

Irrigated Area*
Rice
Wheat
Sugarcane
Millets
Other Crops

Maize
Rice
Wheat
Banana
Chilli
Cotton
Fruit
Jute/Mesta
Mango
Potato
Sugarcane
Tobacco
Vegetables
Groundnut
Oil Seeds
Pulses

NEPAL
BANGLADESH
BANGLADESH
UTTAR PRADESH
MADHYA PRADESH
WEST BENGAL
ORISSA
Bay of Bengal

Kali Gandaki, Narayani (Sapt Gandaki), Great Gandak, Little Gandak, Rapti, Lal Bakya, Dhaka, Bagmati Weir, Kamla, Trisula Weir, Balan, Kosi, Mahananda, Barhi Gandak, Gandak, Baghmati, Ghaghara, Kareha, Kamlal Baghmati, Ghugri, Ganga, Bala, Son, Mohana, Jamuna, Kharagpur, Rajsar, Sundari, Gumani, Badua, Chandan, Chandan (Khajia Weir), Barnar, Gidheswari, Sakri Lower Valley, Khuri, Kaurihari, Morwe, Lower Kiul Valley, Bajan, Nagi, Belharna, Jamuna, Mahugain, Lilajan, Upper Morhar, Lower Morhar, Dhawa, Madar Adri, Batane, Chariari Udarasthan, Panchane, Kewoldog, Banki Phulwara, North Koel, Jinjoi, Yamuna Scheme, Saraswatia Arraj, Mollio, Chacko, Golai Kamat Nala, Baksha Nala, Tilaiya, Barakar, Tilaiya, Raghunathpur, Pathra Tetaria, Ajoy (Siktia Barrage), Marakhi, Mayurakshi, Mor, Ueri, Chako, Auranga, Ghaghri, Ramghat, Jurga, Badmani Ghaghra, Konar, Jamunia, Khudia, Maithon, Damodar, Panchet, Ijri, Lapsia, Gowai, Ajay, Damodar, Subarnarekha Multipurpose, Subarnarekha, Birha, Bishunpur, Phuljhar Handhi, Kokro, Kanchi, Karkari, Sankh, South Koel, Khatwa, Kapi, Suru, Burudih, Barahmi, Sona Weir, Kharkai, Bijoy, Sonua, Kharkai, Roro, Rora, Torlow, Desh Bandhu, Rajbandh, Subarnarekha, Rupnarayan, Hugli, Brahmani, Baitarani, Sankh, Komra, Shara

NOTE:
* *Area covered by completed irrigation projects and projects nearing completion.*
1. *The colour scheme on the map indicates the major crop of each district (based on a comparison of the tonnages produced of the different crops in each district).*
2. *The colours used for each major crop appear in a darker and lighter shade. Those districts marked in the darker shade are major producers of the particular crop, while the districts marked in lighter shades produce comparatively less of the same crop, even though the crop is the major crop in that district.*
3. *The crop symbols overlaid show other important crops grown in each TALUK of the state.*

Scale 1:2 500 000 1 cm = 25 kms

INDUSTRIES & MARKETS

A Class Market

B Class Market

C Class Market

Major Industrial Centres

Other Industrial Centres

- ▲ Beverage and Tobacco products
- ◉ Chemical products and Pharmaceuticals
- ● Food products
- ★ Textile Industry
- ★ Electrical machinery
- ▲ Metal products
- ■ Non-metallic products
- ● Paper products
- ◉ Transport equipment

NEPAL

UTTAR PRADESH

BIHAR

INDIA

WEST BENGAL

BANGLADESH

MADHYA PRADESH

ORISSA

BAY OF BENGAL

Ramnagar, Harinagar, Narkatiaganj, Jogapatti, Bettiah, Motihari, Hathua, Siwan, Muzaffarpur, Pandaul, Supaul, Purnia, Kishanganj, Katihar, Dumraon, Raghunathpur, Patna, Barauni, Mokama, Munger, Jamalpur, Bhagalpur, Banjari, Aurangabad, Gaya, Jasidih, Dalmaianagar, Barwadih, Gumia, Tundi, Dhanbad, Jharia, Sindri, Patratu, Bhurukunda, Bokaro, Ranchi, Muri, Chandil, Adiyapur, Jamshedpur, Chaibasa, Ghatsila

Mouths of the Ganga

Note:

District-wise market potential has been estimated on the basis of the following indicators: Area, Number of households, Population, Population growth rate, Sex ratio, Density of population, Male literacy, Female literacy, Urbanisation, Workforce, Number of traders, Bank offices/100,000 population, Per capita bank credit to agriculture, Per capita bank credit to industries, Total cropped area, Production of major crops, Number of motor vehicles, Post offices/100,000 population, Circulation of newspapers, Cinema houses/100,000 population, Number of radio sets, T.V. sets.

Scale 1:2 500 000 1 cm = 25 kms

Note:

1. *The town/village names on the map are major mining centres of the mineral/minerals indicated alongside the town/village name.*
2. *All other mineral symbols are located in the taluks/tahsils where the respective minerals are mined.*

MINERALS

- Aluminium
- Asbestos
- Barytes
- Bauxite
- Beryllium
- Cement & Mortar
- China Clay
- Chromite
- Chromium
- Cobalt & Nickel
- Copper
- Corundum
- Dolomite
- Feldspar
- Fire Clay
- Glass Sand
- Gold
- Graphite
- Iron
- Kaolin
- Kyanite & Sillimanite
- Lead and Silver
- Manganese
- Mica
- Ochre
- Phosphates
- Pyrites
- Quarizite
- Salts
- Silica Sand
- Titanium
- Tourmaline
- Vermiculite
- Coalfield

NEPAL
UTTAR PRADESH
PASHCHIM CHAMPARAN
PURBA CHAMPARAN
SITAMARHI
GOPALGANJ
MADHUBANI
SIWAN
MUZAFFARPUR
SAHARSA
Pipra
PURNIA
DARBHANGA
MADHEPURA
SARAN
VAISHALI
SAMASTIPUR
BANGLADESH
BHOJPUR
PATNA
BEGUSARAI
KHAGARIA
KATIHAR
NALANDA
JAHANABAD
ROHTAS
Dehri-on-Son
BHAGALPUR
Hura
Rajmahal
GODDA
SAHIBGANJ
MUNGER
Gilhuria
AURANGABAD
Banjari
NAWADA
GAYA
Gawan
Chuparbhita
Chakai
Dhab
Tisri
Pachwara
Kodarma
Domchanch
DEVGHAR
Brahmani
GIRIDIH
Madhupur
SANTHAL PARGANA
PALAMU
Daltenganj
Devghar
Giridih (Karharbari)
Kundit
Karaia
HAZARIBAG
North Karanpura
Karmatanr
Saharjuri
Jayanti
Palamu
Bokaro
Mihijam
DHANBAD
Hutar
Auranga
Chandwa
Chandrapura
Jharia
Raniganj
South Karanpura
Ramgarh
Gola
LOHARDAGA
Lohardaga
Muri
Silli
WEST BENGAL
RANCHI
INDIA
MADHYA PRADESH
Gumla
GUMLA
Saraikela
Rakha
Chaibasa
Dhalbhumgarh
SINGHBHUM
Chhota Nagra
Jagannathpur
Jamda
Noamundi
ORISSA
Mouths of the Ganga
BAY OF BENGAL

Scale 1:2 500 000 1 cm = 25 kms

A ECONOMIC DEVELOPMENT

ESTIMATED INDEX OF LEVELS OF ECONOMIC DEVELOPMENT – 1989

AVERAGE
All India 100
State 54

150–200	
100–150	
75–100	
50–75	
25–50	
0–25	

PATNA – Other Districts
Saran – Notified Backward Districts

UTTAR PRADESH
Paschim Champaran
Purba Champaran
SITAMARHI
Gopalganj
SIWAN
Saran
Muzaffarpur
Madhubani
Darbhanga
Saharsa
Purnia
Madhepura
Vaishali
Samastipur
Bhojpur
PATNA
Begusarai
Khagaria
KATIHAR
Nalanda
Jahanabad
ROHTAS
Aurangabad
Gaya
Nawada
Munger
Bhagalpur
Godda
Sahibganj
BANGLADESH
Palamu
HAZARIBAG
GIRIDIH
Devghar
Santhal Pargana
DHANBAD
LOHARDAGA
RANCHI
GUMLA
SINGHBHUM
WEST BENGAL
MADHYA PRADESH
ORISSA

Note:
The levels of economic development are based on the following indicators: Per capita value of output of major crops, Per capita bank credit to agriculture, Number of mining and factory workers per 100,000 population, Number of households of manufacturing workers per 100,000 population, Per capita bank credit for manufacturing sector, Per capita bank deposits, Per capita bank credit to services, Literacy and Urbanisation.

B MASS COMMUNICATION

CITIES WITH 100 OR MORE PERIODICALS – 1985 (language-wise)

City	English	Hindi	Others	Total
Patna	35	275	128	438

ESTIMATED POPULATION COVERED BY T.V. CENTRE – 1986 (in million)

Over 15	
5–10	
1–5	
0.5–1	

T.V. & Radio Centre
T.V. Centre

Station
Range 2000 sq. kms.
Shade indicates population covered by T.V. Centre

N
W Station E
S
Furthest distance covered by Radio in 1984 (N.E.W.S.) in km.

Scale 1 cm. = 34 kms.

UTTAR PRADESH
Bettiah
Muzaffarpur
Darbhanga
Purnia
Patna
Munger
Bhagalpur
Gaya
Dhanbad
Ranchi
Jamshedpur
BANGLADESH
WEST BENGAL
MADHYA PRADESH
ORISSA

Scale 1:3 400 000 1 cm = 34 kms

GOA

A — ADMINISTRATION

MAHARASHTRA

State Boundary
State Capital
Taluk Headquarters

Pernem
Mapusa (BARDEZ)
Bicholim
Calangute
Panaji (TISWADI)
Valpoi (SATARI)
Marmagao
Ponda
Margao (SALCETE)
Curchorem
Sanguem
Quepem
Cuncolim
Chauri (CANACONA)

I N D I A

G O A

KARNATAKA

ARABIAN SEA

Note:
Most taluks take their names from their headquarters. Where headquarters and taluks have the same names, only the headquarters have been located on the map. Where their names are different, the taluk's name is placed below the headquarters' location in brackets.

Note:
The population symbols also indicate the location of the respective towns.

POPULATION

ESTIMATED RURAL POPULATION DENSITY — 1989 (Persons/sq km, District-wise)

201—300

ESTIMATED TOWN POPULATION — 1989 (in thousands)

100—250
50—100
20—50
10—20

B — TRANSPORT & TOURISM

MAHARASHTRA

TRANSPORT	TOURISM	LOCATIONS
National Highways (with number)	Historical Site	State Headquarters
Other Roads	Religious Centre	Tourist Centre
Railway Lines	Wildlife Sanctuary	Other Towns
Seaport	Beach	
	Lake/Reservoir	

Terekhol Fort
Kheri
Pernem
Hali
Alorna Fort
Harmal Beach
Dhargal
Agarvada
Kolval
Surla
Assonora
Chapora Fort
Vagator
Mapusa
Corjuem
Bicholim
Carambolim Brahma Temple
Carambolim
Mayem Lake
Sanquelim
Honda
Calangute
Romburpa
Shri Sapt Koteshwar
Harvale
Valpoy
Kandoli Beach
Saligad
Marcela
Raij Magus Fort
Aguada Fort
Vela Gao
Nanuz
Aguada
Panaji
Banastri
Gaspar Dias Beach
Santana Church
Pilar Monastry
Bondala W.L.S.
Tambdi Surla
Don Paol Beach
Shirdon
Mardol
Goa Vela
Priol
Candeapar
Marmagao
Agacaim
Ponda
Tiskar
Sancordem
Vasco-da-Gama
Opa Water Works
Shri Shantadurga
Darbandore
Molen
ARABIAN SEA
Dabolim
Bogmala Beach
Karanzaul
Cansaulim
Kolamb (Kolem)
Kolva Beach
Ambora
Dudhsagaro Falls
Banavali Beach
Madgaon
Kale
Banavali
Sanvarden
Shri Chandreshwar Bhutnath Temple
Juma Masjid
Sanguem
Quepem
Quelossim
Vilyan
Jambulim
Betul Beacho
Bally
Kurdi
Fatarpa
Rivona
Cape Rama Fort
Kola
Netravli
Bhars
Shri Mallikarjun Temple
Gaundongrem
Palolen Beach
Canacona
Chauri
Cotigao
Mashen
Polen

I N D I A

G O A

KARNATAKA

C — PHYSICAL

MAHARASHTRA
Terekhol
Chapora
Mapusa
Mandavi
Sansagar Peak
Marmagoa Bay
St. Jasintu I.
Cumbarjua Canal
Zuvari
Sandepar
Pikene I.
Grandi I.
St. George's I.
Arabian Sea
Sal
Sanguem
Pareda
Talpona
Galgibaga
KARNATAKA

I N D I A

G O A

ALTITUDE SCALE
900 m
600
300
150
0 Sea Level

Scale 1:510 000 1 cm = 5.1 kms

A — AGRICULTURE

MAHARASHTRA

Rice
Cashewnut
Coconut
Ragi

I N D I A

G O A

ARABIAN SEA

KARNATAKA

B — INDUSTRIES & MARKETS

MAHARASHTRA

C Class Market
Beverage and Tobacco products
Chemical products and Pharmaceuticals
Major Industrial Centres
Food products
Metal products

Panaji
Marmagoa Harbour
Vasco-Da-Gama
Siroda
Margao

I N D I A

G O A

ARABIAN SEA

KARNATAKA

MINERALS

Bauxite
Iron
Manganese

Note:

District-wise market potential has been estimated on the basis of the following indicators: Area, Number of households, Population, Population growth rate, Sex ratio, Density of population, Male literacy, Female literacy, Urbanisation, Workforce, Number of traders, Bank offices/100,000 population, Per capita bank credit to agriculture, Per capita bank credit to industries, Total cropped area, Production of major crops, Number of motor vehicles, Post offices/100,000 population, Circulation of newspapers, Cinema houses/100,000 population, Number of radio sets, T.V. sets.

C — ECONOMIC DEVELOPMENT

MAHARASHTRA

ESTIMATED INDEX OF LEVELS OF ECONOMIC DEVELOPMENT – 1989

AVERAGE
State 192 → 150–200
All India 100

I N D I A

G O A

ARABIAN SEA

KARNATAKA

Note:

The levels of economic development are based on the following indicators: Per capita value of output of major crops, Per capita bank credit to agriculture, Number of mining and factory workers per 100,000 population, Number of households of manufacturing workers per 100,000 population, Per capita bank credit for manufacturing sector, Per capita bank deposits, Per capita bank credit to services, Literacy and Urbanisation.

D — MASS COMMUNICATION

MAHARASHTRA

ESTIMATED POPULATION COVERED BY T.V. CENTRE – 1986 (in million)

1–5
T.V. & Radio Centre

Panaji

I N D I A

G O A

ARABIAN SEA

KARNATAKA

Shade indicates population covered by T.V. Centre

Station
Range
2000 sq. kms.

N
W Station E
S

Furthest distance covered by Radio in 1984 (N.E.W.S.) in km.

1 cm = 7.5 kms

Scale 1:750 000 1 cm = 7.5 kms

GUJARAT

PAKISTAN

RANN OF KACHCHH

NILUA HILLS

Rajhar Creek

Kori Creek

LAKHPAT HILLS

GARDA HILLS

Chukh Creek

Kharo Creek

Gotlia Creek

KACHCHH HILLS

KADASA PLAIN

CHADUVA KATROL RANGE

HABO HILLS

KAS HILLS

VAGAD HILLS

LITTLE RANN

DHOLA RANGE

KANTA PLAIN

Gulf of Kachchh

Nora I.

Bhaidar I.

Paner I.

Gomti Creek

DWARAKA COAST

HALAR PLAIN

KATHIAWAR PENINSULA

MADHYA SAURASHTRA PLATEAU

BARDA HILLS

Meda Creek

PORBANDAR COAST

GIRNAR HILLS

Girnar

GIRNAR RANGE

Sarkala

GOHELWAR COAST

Shial I.

Diu I.

DIU (D & D)

ARABIAN SEA

MALIYA PLAIN

Machhu

MANDRAITHILLS

BAMBHAN PLAIN

Und

Bhogava

Bhadar

Nal

EAST KATHIAWAR PLAINS

NAL BASIN

Siput

Jairaj

Banas

ABU HILLS

Dandarmal

DANTA HILLS

PALANPUR PLAIN

Amardasi

Sabarmati

Dhebar (Jai Samand)

Gomati

RAJASTHAN

Jakam

Mahi

Hathmati

Rupen

Meshwa

Vatrak

KADI PLAIN

Banas

KHAMBAYAT PLAIN

Shedhi

Mahi

CHAROTAR PLAIN

Sabarmati

MADHYA PRADESH

CHOTA UDAIPUR HILLS

Pavagarh

Sayaji Sarovar

Dhadhar

Mahi Sagar

Orsang

MATHWAR HILLS

Narmada

BARODA PLAIN

BROACH PLAIN

RAJPIPLA HILLS

Sagbara

Piram I.

Narmada R.

Kim

Tapi

SURAT PLAIN

KHANDESH PLAIN

MAHARASHTRA

Gulf of Khambhat

Rupgad

Purna

NAVSARI PLAIN

Auranga

Par

Ghontval

Chandkapur

DAMAN (D & D)

DADRA AND NAGAR HAVELI

PHYSICAL

ALTITUDE SCALE

1350 m
900
600
300
150
0 Sea Level
75
300

68° 70° 72° 74°

A B C D

24° 22°

Scale 1:2 500 000 cm = 25 kms

Scale 1:2 500 000 1 cm = 25 kms

NAMES FOR LOCATIONS NUMBERED ON THE MAP

GANDHINAGAR
1. *Pethapur*
2. *Dabhoda*
3. *Chandkheda*

KHEDA
4. *Modaj*
5. *Mahudha*
6. *Chaklasi*
7. *Ode*
8. *Boriyavi*
9. *Samarkha*
10. *Bhalej*
11. *Bakrol*
12. *Sarsa*
13. *Vodod*
14. *Napad Vanto*
15. *Mahelav*
16. *V. Vidyanagar*
17. *Adas*
18. *Vasad*
19. *Anglao*
20. *Tarapur*

MAHESANA
21. *Kukarwada*
22. *Charada*

RAJKOT
23. *Moti Morad*

VADODARA
24. *Sokhda*
25. *Koyali*
26. Chhani

MAJOR CITIES — 1989

Towns with more than 250,000 population
(Estimated in thousands)

Ahmadabad	3,391
Surat	1,534
Vadodara	1,096
Rajkot	614
Jamnagar	417
Bhavnagar	398

POPULATION

ESTIMATED RURAL POPULATION DENSITY-1989
(Persons/sq km, District-wise)

- Above 1000
- 301—500
- 201—300
- 151—200
- 101—150
- 51—100
- 1—50

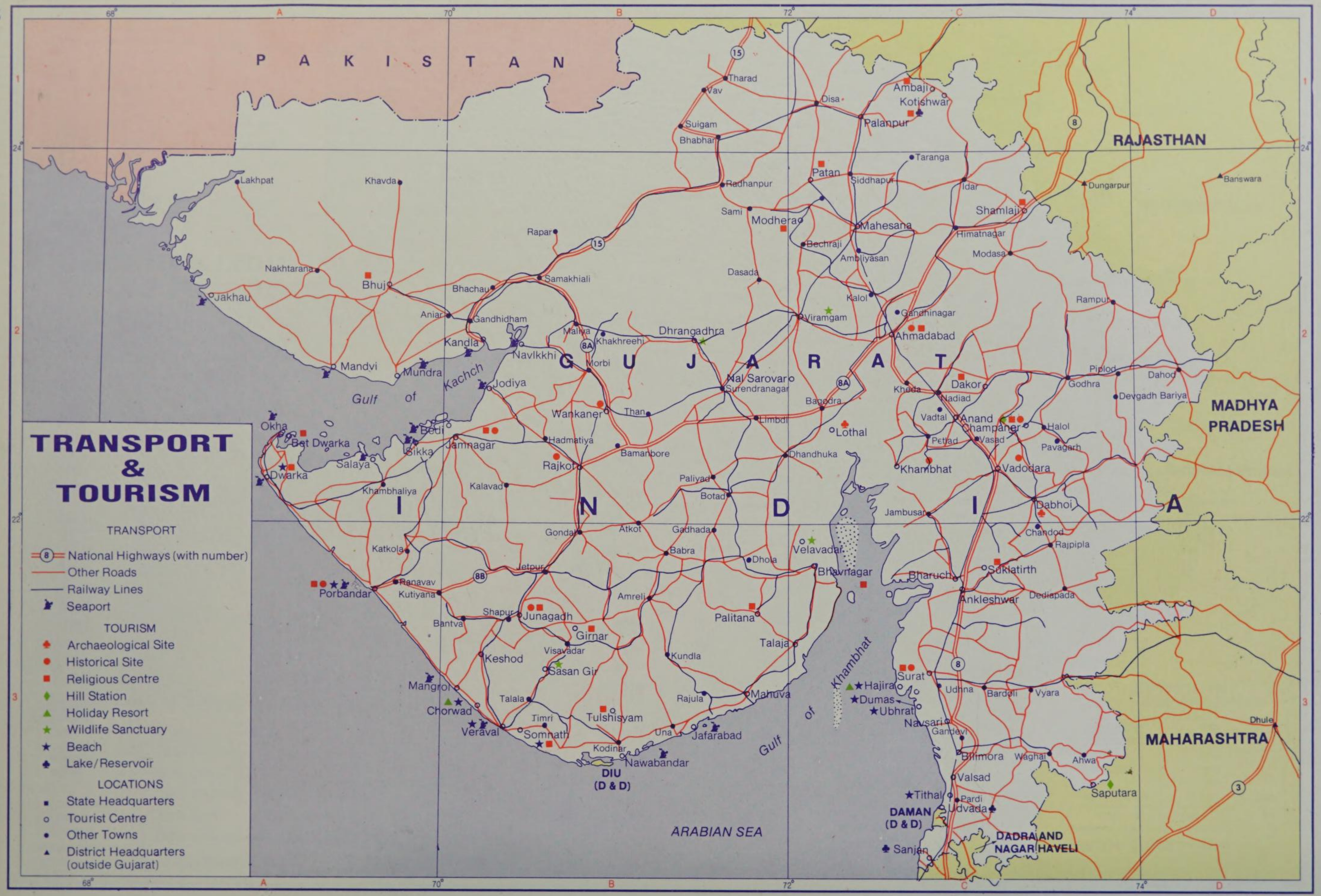
Note:
The population symbols also indicate the location of the respective towns/villages.

ESTIMATED TOWN/VILLAGE POPULATION — 1989
(in thousands)

- OVER 1,000
- 500—1,000
- 250—500
- 100—250
- 50—100
- 20—50
- 10—20

Patan — Town
Alina — Village

PAKISTAN
INDIA
RAJASTHAN
MADHYA PRADESH
MAHARASHTRA
GUJARAT
DIU (D & D)
DAMAN (D & D)
DADRA AND NAGAR HAVELI
Gulf of Kachchh
Gulf of Khambhat
ARABIAN SEA
Tharad
Disa
Palanpur
Radhanpur
Rapar
Bhuj
Madhapur
Bhachau
Anjar
Gandhidham
Kandla
Mandvi
Mundra
Patdi
Viramgam
Mandal
Kadi
Kalol
Gandhinagar
Sanand
Ahmadabad
Dholka
Dhandhuka
Barvala
Botad
Jasdan
Gondal
Jetpur
Dhoraji
Upleta
Jetalsar
Vadiya
Amreli
Kunkavav
Vanthli
Junagadh
Manavadar
Porbandar
Kutiyana
Ranavav
Kalavad
Jamnagar
Lalpur
Khambhaliya
Dwarka
Okha
Mithapur
Salaya
Rajkot
Morbi
Maliya
Halvad
Dhrangadhra
Kharaghoda
Wankaner
Thangadh
Wadhwan
Muli
Sayla
Limbdi
Chuda
Chotila
Ranpur
Lakhtar
Jodiya
Dhrol
Bhanvad
Jam Jodhpur
Raval
Paneli
Bhayavadar
Dhoraji
Moviya
Upleta
Jetpur
Jetalsar
Vadiya
Kunkavav
Amreli
Vanthli
Junagadh
Manavadar
Bantwa
Shapur
Bilkha
Chalala
Visavadar
Dhari
Keshod
Madhavpur
Mendarda
Mangrol
Maliya
Talala
Chorwad
Sutrapara
Kodinar
Una
Delvada
Jafarabad
Rajula
Mahuva
Savar Kundla
Jesar
Talaja
Bagasra
Palitana
Gariyadhar
Damnagar
Lathi
Dhasa
Babra
Gadhada
Valabhipur
Bhavnagar
Sihor
Vartej
Ghogha
Adityana
Bakhira
Porbandar
Siddhapur
Patan
Unjha
Chanasma
Sami
Harij
Radhanpur
Sundhia
Kheralu
Khed Brahma
Idar
Vadnagar
Visnagar
Umta
Dhinoj
Mahesana
Ladol
Himatnagar
Vijapur
Wasai
Gojharia
Mansa
Prantij
Modasa
Talod
Randheja
Dahegam
Kapadvanj
Chhipadi
Kathlal
Sarkhej
Mahemdavad
Kheda
Nadiad
Alina
Dakor
Thasra
Pali
Angadi
Godhra
Matar
Umreth
Vaso
Sojitra
Petlad
Tarapur
Karamsad
Khambhat
Udel
Anand
Vadodara
Padra
Borsad
Kavi
Bhadran
Jambusar
Karjan
Kayavarohan
Dabhoi
Waghoriya
Chhota Udepur
Halol
Kalol
Shili
Savli
Gamdi
Lunavada
Santrampur
Jhalod
Limdi
Dahod
Devgadh Bariya
Garbara
Amod
Palej
Rajpipla
Bharuch
Ankleshwar
Kosamba
Olpad
Khothor
Mandvi
Songadh
Surat
Bardoli
Vyara
Vaold
Navsari
Gandevi
Bilimora
Vansada
Valsad
Dharampur
Pardi
Umargam
Vapi
Scale 1:2 500 000 1 cm = 25 kms



TRANSPORT & TOURISM

TRANSPORT

- National Highways (with number)
- Other Roads
- Railway Lines
- Seaport

TOURISM

- Archaeological Site
- Historical Site
- Religious Centre
- Hill Station
- Holiday Resort
- Wildlife Sanctuary
- Beach
- Lake/Reservoir

LOCATIONS

- State Headquarters
- Tourist Centre
- Other Towns
- District Headquarters (outside Gujarat)

Scale 1:2 500 000 1 cm = 25 kms

AGRICULTURE

NOTE:

* *Area covered by completed irrigation projects and projects nearing completion.*

1. *The colour scheme on the map indicates the major crop of each district (based on a comparison of the tonnages produced of the different crops in each district).*
2. *The colours used for each major crop appear in a darker and lighter shade. Those districts marked in the darker shade are major producers of the particular crop, while the districts marked in lighter shades produce comparatively less of the same crop, even though the crop is the major crop in that district.*
3. *The crop symbols overlaid show other important crops grown in each TALUK of the state.*

Irrigated Area* Raval — Name of Irrigation Projects

Cotton | Millets | Oil Seeds

Rice | Wheat | Other Crops

Bajra	Fruit	Tea
Jowar	Garlic	Tobacco
Maize	Mango	Vegetables
Rice	Onion	Groundnut
Wheat	Potato	Oil Seeds
Chilli	Sugarcane	Pulses
Cotton		

CROP DATA:

FRUIT: LEMON: *Bhanvad Taluk (Jamnagar Dt.), Maliya, Ranavav (Junagadh)*
MILLETS: BAJRA: *Bhavnagar, Gandhinagar and Kheda Dts.* JOWAR: *Bharuch.* MAIZE: *Panch Mahals.* RAGI: *The Dangs.*
OILSEEDS: GROUNDNUT: *Amreli, Jamnagar, Junagadh, Kachchh Dts.* MUSTARD: *Patan, chanasma Taluks (Mahesana Dt.)*
PULSES: TUR DAL: *Jambusar Taluk (Bharuch Dt.) Borsad and Mehmadabad (Kheda), Halol (Panch Mahals), Olpad and Sonagadh (Surat), Vadodara and Sinor (Vadodara)*
OTHER CROPS: BANANA: *Surat District*

PAKISTAN
RAJASTHAN
MADHYA PRADESH
MAHARASHTRA
DADRA AND NAGAR HAVELI
DIU (D & D)
DAMAN (D & D)
Gulf of Kachchh
Gulf of Khambhat
INDIA
GUJARAT
Godhatad, Sanandro, Gajansar Nara, Gajansar, Matha, Janagadha, Niruna, Kaila, Rudramata, Kaswati, Bhukhi, Mitti, Berachia, Kankavati, Gajod, Kalaghogha, Bitavadla, Don
Fategadh, Suvi
Khakhal, Saraswati, Sipu, Banas, Banas (Dantiwada), Sabarmati, Rupen
Harnav, Guhai, Hathmati, Meshwa, Vaidy, Karolbagh, Modasa, Majam, Vatrak
Bhadu, Kadana (Mahistage II), Panam, Machhannala, Patadungri, Wankes, Goma, Karad Tank, Edalwada, Sayaji Sarovar, Sukhi, Chalathnapura, Heran, Jakam, Mahi
Wasna Barrage, Mashwa (Rasha), Nal, Sedhi, Mahi Sagar, Dhadhar, Orsang, Hatni
Machhu III, Machhu, Ghodadhro, Brahmani, Machhu II, Bhogavo II, Bhogavo I, Limbadi Bhogavo, Bhogava, Aji IV, Demi II, Bangawadi, Und II, Kankavati, Sapda, Aji III, Aji II, Aji I, Demi I, Machhu, Nyari II, Sukhbhadar, Kaniyad, Gunda, Khambhada, Bhimdad, Dared, Dhari, Goma, Ghelo (Somnath), Ishwariya, Chhapatwad (Lumbavo), Gondli, Ghelo P.W, Kalubhar, Rangola, Sankroli, Rajawal, Shetrunji, Bagad, Rojki, Malan, Surajwadi, Dhatarwadi, Raidy, Raval P.W, Ghodavadi, Raval, Machhundr, Shingoda, Hiran, Hiran P.W, Hiran II, Vrajni, Ozat, Ozat P.W, Ambajal, Badodary, Amipur, Madhuvanti, Khodiar, Munjsar, Jhanjesari, Uben P.W, Phophal, Jetpur, Moj, Bhadar, Kalindri, Medha Creek, Veradi, Vartu, Sorthi, Sani, Ghee, Fulzar II, Sasoi, Puna, Narmada, Karjan, Beldeva, Chopadvav, Ver, Kakrapar, Ukai, Tapi, Doswada, Mahuvatwalam, Pur, Ambika, Jhui, Kelia, Auranga, Dharampur, Nanivahail, Damanganga, Buray, Gomai, Kim
Scale 1:2 500 000 1 cm = 25 kms

INDUSTRIES & MARKETS

A

PAKISTAN

RAJASTHAN

Amirgadh
Posina
Mahesana
Kadi
Kalol
Rakhial
Dahegam
Naroda
Ahmadabad
Kathwada
Kankaria
Odhav
Vatwa
Mahemdavad
Sevaliya
Lunkheda
Dahod
Kheda
Nadiad
Vallabh Vidyanagar
Anand
Kalol
Halol
Moraj
Petlad
Karamsad
Samlaya
Ranoli
Fertilisernagar
Vadodara
Mithapur
Limbdi
Surendranagar
Wankaner
Khandheri
Rajkot
Jamnagar
Dwarka
Okha
Gulf of Kachchh
Mithapur
Sikka
Ramania
Kandla
Morbi
Dhrangadhra
Porbandar
Manvadar
Ranavav
Junagadh
Dhoraji
Amreli
Bhavnagar
Veraval
Kodinar
Jafarabad
Mahuva
Dahej
Pariej
Bharuch
Ankleshwar
Alibet
Panoli
Otpad
Surat
Utaran
Chaltan
Gunsada
Udhna
Hajira
Madhi
Magdalla
Bardoli
Walod
Bhestan
Navsari
Bilimora
Gandevi
Ahwa
Valsad
Atul
Dharampur
Vapi
Umargam
Khambhat
Gulf of Khambhat
ARABIAN SEA
DIU (D & D)
DAMAN (D & D)
DADRA AND NAGAR HAVELI
MADHYA PRADESH
MAHARASHTRA
INDIA

- A Class Market
- B Class Market
- C Class Market
- Major Industrial Centre
- Other Industrial Centres
- ▲ Beverage and Tobacco products
- ⊙ Chemical products and Pharmaceuticals
- ● Food products
- ♦ Leather, Rubber and Plastic products
- ★ Textile Industry
- ★ Electrical machinery
- ▲ Metal products
- ♦ Non-electrical machinery
- ■ Non-metallic products
- ● Paper products
- ⊙ Transport equipment

Note:
District-wise market potential has been estimated on the basis of the following indicators: Area, Number of households, Population, Population growth rate, Sex ratio, Density of population, Male literacy, Female literacy, Urbanisation, Workforce, Number of traders, Bank offices/100,000 population, Per capita bank credit to agriculture, Per capita bank credit to industries, Total cropped area, Production of major crops, Number of motor vehicles, Post offices/100,000 population, Circulation of newspapers, Cinema houses/100,000 population, Number of radio sets, T.V. sets.

MINERALS

B

PAKISTAN

RAJASTHAN

Posina
BANAS KANTHA
MAHESANA
SABAR KANTHA
GANDHI NAGAR
AHMADABAD
Balasinor
Lunavada
PANCH MAHALS
Devgad Bariya
KHEDA
SURENDRANAGAR
KACHCHH
JAMNAGAR
RAJKOT
VADODARA
AMRELI
BHAVNAGAR
JUNAGADH
BHARUCH
SURAT
THE DANGS
VALSAD
Okha
Gulf of Kachchh
Miani
Porbander
Sanosara
Chordwad Road
Veraval
Dari
Prachi
Lati
Sutrapara
Kodinar
Khambhat
Gulf of Khambhat
ARABIAN SEA
DIU (D & D)
DAMAN (D & D)
DADRA AND NAGAR HAVELI
MADHYA PRADESH
MAHARASHTRA
INDIA

- Agate
- Aluminium
- Asbestos
- Calcite
- Cement & Mortar
- Chalk
- Crude Oil
- Dolomite
- Fireclay
- Graphite
- Gypsum
- Kaolin
- Lignite
- Limestone
- Manganese
- Mica
- Moulding Sand
- Ochre
- Salt
- Silica Sand
- Quartz.
- Vermiculate

Note:
1. *The town/village names on the map are major mining centres of the mineral/minerals indicated alongside the town/village name.*
2. *All other mineral symbols are located in the taluks/tahsils where the respective minerals are mined.*

Scale 1:3 500 000 1 cm.= 35 kms

ECONOMIC DEVELOPMENT

PAKISTAN

Kachchh

Banas Kantha

RAJASTHAN

Mahesana

Sabar Kantha

I N D I A

GANDHINAGAR

AHMADABAD

Panch Mahals

Surendranagar

KHEDA

Gulf of Kachchh

G U J A R A T

RAJKOT

JAMNAGAR

MADHYA PRADESH

VADODARA

ARABIAN SEA

Bhavnagar

Bharuch

Amreli

Junagadh

Gulf of Khambhat

SURAT

THE DANGS

DIU (D & D)

VALSAD

MAHARASHTRA

DAMAN (D & D)

DADRA AND NAGAR HAVELI

ESTIMATED INDEX OF LEVELS OF ECONOMIC DEVELOPMENT — 1989

AVERAGE

State 113 →

All India 100 →

Over 200

150—200

100—150

75—100

50—75

25—50

SURAT — Other Districts

Amreli — Notified Backward Districts

Note:

The levels of economic development are based on the following indicators: Per capita value of output of major crops, Per capita bank credit to agriculture, Number of mining and factory workers per 100,000 population, Number of households of manufacturing workers per 100,000 population, Per capita bank credit for manufacturing sector, Per capita bank deposits, Per capita bank credit to services, Literacy and Urbanisation.

MASS COMMUNICATION

PAKISTAN

Palanpur N.A.

RAJASTHAN

Patan

Bhuj N.A.

I N D I A

Ahmadabad

G U J A R A T

Surendranagar N.A.

Rajkot

Vadodara

MADHYA PRADESH

Dwarka

Gulf of Kachchh

Bhavnagar

Bharuch

Amreli N.A.

N.A.

Surat

Gulf of Khambhat

Veraval N.A.

Navsari

Ahwa N.A.

ARABIAN SEA

DIU (D & D)

MAHARASHTRA

DAMAN (D & D)

DADRA AND NAGAR HAVELI

ESTIMATED POPULATION COVERED BY T.V. CENTRE — 1986 (in million)

10—15

5—10

1—5

0.5—1

0—0.5

● T.V. & Radio Centre

● T.V. Centre

Station → Shade indicates population covered by T.V. Centre

Range 2000 sq. kms.

N, W, E, S — Station — Furthest distance covered by Radio in 1984 (N.E.W.S.) in km.

Scale 1 cm. = 35 kms.

CITIES WITH 100 OR MORE PERIODICALS — 1985

(language-wise)

City	English	Hindi	Gujarati	Others	Total
Ahmadabad	26	8	165	26	225

Scale 1:3 500 000 1 cm = 35 kms

HARYANA

PHYSICAL

ALTITUDE SCALE
600 m
300
150

HIMACHAL PRADESH
PUNJAB
CHANDIGARH
CHOALAND
SARASWATI PLAIN
GHAGGAR NALI
KURUKSHETRA PLAIN (NARDAK)
KALANWALI ROHI
BHIWANI
H A R Y A N A
BAGAR
I N D I A
DELHI
DELHI RIDGE
REWARI UPLAND
RAJASTHAN
UTTAR PRADESH

Satluj
Abohar Branch
Patiala Branch
Bathinda Branch
Kotla Branch
Bhakra Canal
Ghagghar
Dangri
Markanda
Saraswati
Yamuna
Sirsa Branch
Chautang
Western Yamuna Canal
Yamuna
Eastern Yamuna Canal
Hansi Branch
Sundar Branch
Western Yamuna Canal (Delhi Branch)
Hindan
Agra Canal
Sahibi
Sota

ADMINISTRATION

State Boundary
District Boundary
Taluk Boundary
State Capital
District Headquarters
Taluk Headquarters

HIMACHAL PRADESH
CHANDIGARH
Kalka
AMBALA
Ambala
Naraingarh
Jagadhri
PUNJAB
Guhla
KURUKSHETRA
Kurukshetra
Pehowa
Thanesar (KURUKSHETRA)
Kaithal
KARNAL
Karnal
Mandi Dabwali (DABWALI)
SIRSA
Sirsa
Tohana
Fatehabad
Narwana
Asandh
Safidon
Panipat
UTTAR PRADESH
JIND
Jind
HISAR
Hisar
Hansi
H A R Y A N A
Gohana
SONIPAT
Sonipat
Bawani Khera
Maham
Rohtak
I N D I A
Bhiwani
BHIWANI
Bahadurgarh
ROHTAK
Jhajjar
DELHI
Charkhi Dadri (DADRI)
Loharu
RAJASTHAN
Gurgaon
Faridabad (BALLABGARH)
Mahendragarh
MAHENDRAGARH
GURGAON
FARIDABAD
Rewari
Narnaul (MAHENDRAGARH)
Bawal
Nuh
Palwal
Firozpur Jhirka

Note:
Most taluks take their names from their headquarters. Where headquarters and taluks have the same names, only the headquarters have been located on the map. Where their names are different, the taluk's name is placed below the headquarters' location in brackets.

Scale 1:2 000 000 1 cm = 20 kms

POPULATION

ESTIMATED RURAL POPULATION DENSITY-1989 (Persons/sq km, District-wise)

- 501–1000
- 301–500
- 201–300
- 151–200
- 101–150

ESTIMATED TOWN/VILLAGE POPULATION — 1989 (in thousands)

- ▲ 250–500
- ♦ 100–250
- ★ 50–100
- □ 20–50
- ⊙ 10–20

Hansi — Town
Siwan — Village

Note:
The population symbols also indicate the location of the respective towns/villages.

MAJOR CITIES — 1989

Towns with more than 250,000 population (Estimated in thousands)

Faridabad	487

HIMACHAL PRADESH
PUNJAB
CHANDIGARH
UTTAR PRADESH
DELHI
HARYANA
RAJASTHAN

Kalka, Panchkula, Narayangarh, Sadhaura, Ambala, Barara, Shahabad, Yamunanagar, Cheeka, Ladwa, Siwan, Pehowa, Thanesar, Keorak, Kaul, Nilokheri, Tirawari, Kaithal, Nisang, Kunjpura, Pundri, Karnal, Kalayat, Pai, Balu, Karora, Gondar, Narwana, Jundla, Uncha Siwana, Rajaund, Mandi Kalan, Asandh, Salwan, Gharaunda, Alewa, Bala, Moana, Safidon, Panipat, Jind, Samalkha, Julana, Gohana, Ganaur, Nindana, Morthal Khas, Sonipat, Maham, Bohar, Bahelba, Rohtak, Sisana, Kharkhauda, Kelanga, Mokhrakhas, Kalanaur, Dighal, Mandothi, Beri, Chhara, Bahadurgarh, Badli, Jhajjar, Charkhi Dadri, Gurgaon, Jharsa, Haileymandi, Pataudi, Bahora Kalan, Tigra, Sohna, Faridabad, Tigaon, Palwal, Mahendragarh, Rewari, Narnaul, Hodal, Firozpur Jhirka, Mandi Dabwali, Kalanwali, Chotala, Rori, Rania, Sirsa, Jiwannagar, Ellenabad, Tohana, Hijarawan Khurd, Ratia, Hijarawan Kalan, Fatehabad, Bhuna, Gorakhpur, Pabra, Bhattu Kalan, Barwala, Sadalpur, Adampur, Bir Hisar, Hisar, Balsamand, Hansi, Dhana, Barsi, Dhanana, Bawani Khera, Chang, Baliyal, Tigrana, Siwani, Bapora, Kharak Kalan, Bhiwani, Bond Kalan

Scale 1:1 500 000 1 cm = 15 kms

TRANSPORT & TOURISM

TRANSPORT
- National Highways (with number)
- Other Roads
- Railway Lines

TOURISM
- Archaeological Site
- Historical Site
- Religious Centre
- Hill Station
- Wildlife Sanctuary
- Lake/Reservoir

LOCATIONS
- State Headquarters
- Tourist Centre
- Other Towns
- District Headquarters (outside Haryana)

AGRICULTURE

Irrigated Area* Ghaggar —Name of Irrigation Projects

Wheat · Sugarcane · Millets

Barley · Rice · Wheat · Chilli · Cotton · Mango · Onion · Potato · Sugarcane · Oil Seeds · Pulses

CROP DATA:

MILLETS: BAJRA: *Bhiwani District*
OILSEEDS: MUSTARD: *Narnaul Taluk (Mahendragarh Dt.), Dadri, Loharu (Bhiwani), Gurgaon, Ferozpur Jhirka, Nuh (Gurgaon), Palwal (Faridabad)*
PULSES: GRAM: *Jhajjar Taluk (Rohtak Dt.), Narwana (Jind), Hisar, Fatehabad, Tohana (Hisar), Narnaul, Mahendragarh (Mahendragarh), Bawani Khera, Dadri (Bhiwani), Ferozpur Jhirka (Gurgaon);*
DHAL: *Sirsa Taluk (Sirsa Dt.)*

NOTE:

* *Area covered by completed irrigation projects and projects nearing completion.*

1. *The colour scheme on the map indicates the major crop of each district (based on a comparison of the tonnages produced of the different crops in each district).*
2. *The colours used for each major crop appear in a darker and lighter shade. Those districts marked in the darker shade are major producers of the particular crop, while the districts marked in lighter shades produce comparatively less of the same crop, even though the crop is the major crop in that district.*
3. *The crop symbols overlaid show other important crops grown in each TALUK of the state.*

Scale 1:2 000 000 1 cm = 20 kms

INDUSTRIES & MARKETS

A

A Class Market

B Class Market

Major Industrial Centre

Other Industrial Centres

- Chemical products and Pharmaceuticals
- Food products
- Leather, Rubber and Plastic products
- Textile Industry
- Electrical machinery
- Metal products
- Non-metallic products
- Paper products
- Transport equipment

HIMACHAL PRADESH, Panchkula, CHANDIGARH, Jagadhri, Shahabad, Yamunanagar, Thanesar, PUNJAB, Karnal, Fatehabad, Jind, Panipat, UTTAR PRADESH, Hisar, Mayur, HARYANA, Ganaur, Murthal, Bahalgarh, Sonipat, Kundli, Bhiwani, Rohtak, Kassar, Charkhi Dadri, Bahadurgarh, DELHI, RAJASTHAN, Faridabad, Gurgaon, Ballabhgarh, Mahendragarh, Rewari, Dharuhera, Palwal

Note:
District-wise market potential has been estimated on the basis of the following indicators: Area, Number of households, Population, Population growth rate, Sex ratio, Density of population, Male literacy, Female literacy, Urbanisation, Workforce, Number of traders, Bank offices/100,000 population, Per capita bank credit to agriculture, Per capita bank credit to industries, Total cropped area, Production of major crops, Number of motor vehicles, Post offices/100,000 population, Circulation of newspapers, Cinema houses/100,000 population, Number of radio sets, T.V. sets.

MINERALS

B

- Coal
- Dolomite
- Feldspar
- Iron Ore
- Kaolin
- Lime Stone
- Quartz
- Slate
- Sulphur

HIMACHAL PRADESH, CHANDIGARH, AMBALA, PUNJAB, KURUKSHETRA, SIRSA, KARNAL, JIND, HISAR, HARYANA, SONIPAT, UTTAR PRADESH, BHIWANI, ROHTAK, DELHI, GURGAON, MAHENDRAGARH, FARIDABAD, RAJASTHAN

ECONOMIC DEVELOPMENT

C

ESTIMATED INDEX OF LEVELS OF ECONOMIC DEVELOPMENT – 1989

AVERAGE
State 127 →
All India 100 →

- Over 200
- 150–200
- 100–150
- 75–100
- 50–75

ROHTAK – Other Districts

Mahendragarh – Notified Backward Districts

HIMACHAL PRADESH, CHANDIGARH, AMBALA, PUNJAB, KURUKSHETRA, SIRSA, KARNAL, Hisar, Jind, HARYANA, SONIPAT, UTTAR PRADESH, Bhiwani, ROHTAK, DELHI, GURGAON, Mahendragarh, FARIDABAD, RAJASTHAN

Note:
The levels of economic development are based on the following indicators: Per capita value of output of major crops, Per capita bank credit to agriculture, Number of mining and factory workers per 100,000 population, Number of households of manufacturing workers per 100,000 population, Per capita bank credit for manufacturing sector, Per capita bank deposits, Per capita bank credit to services, Literacy and Urbanisation.

MASS COMMUNICATION

D

ESTIMATED POPULATION COVERED BY T.V. CENTRE – 1986 (in million)

- 0.5–1
- 0–0.5
- T.V. Centre
- Radio Centre

HIMACHAL PRADESH, CHANDIGARH, PUNJAB, HARYANA, Hisar, Rohtak, Bhiwani, DELHI, UTTAR PRADESH, RAJASTHAN

Shade indicates population covered by T.V. Centre

Station

Range 2000 sq. kms.

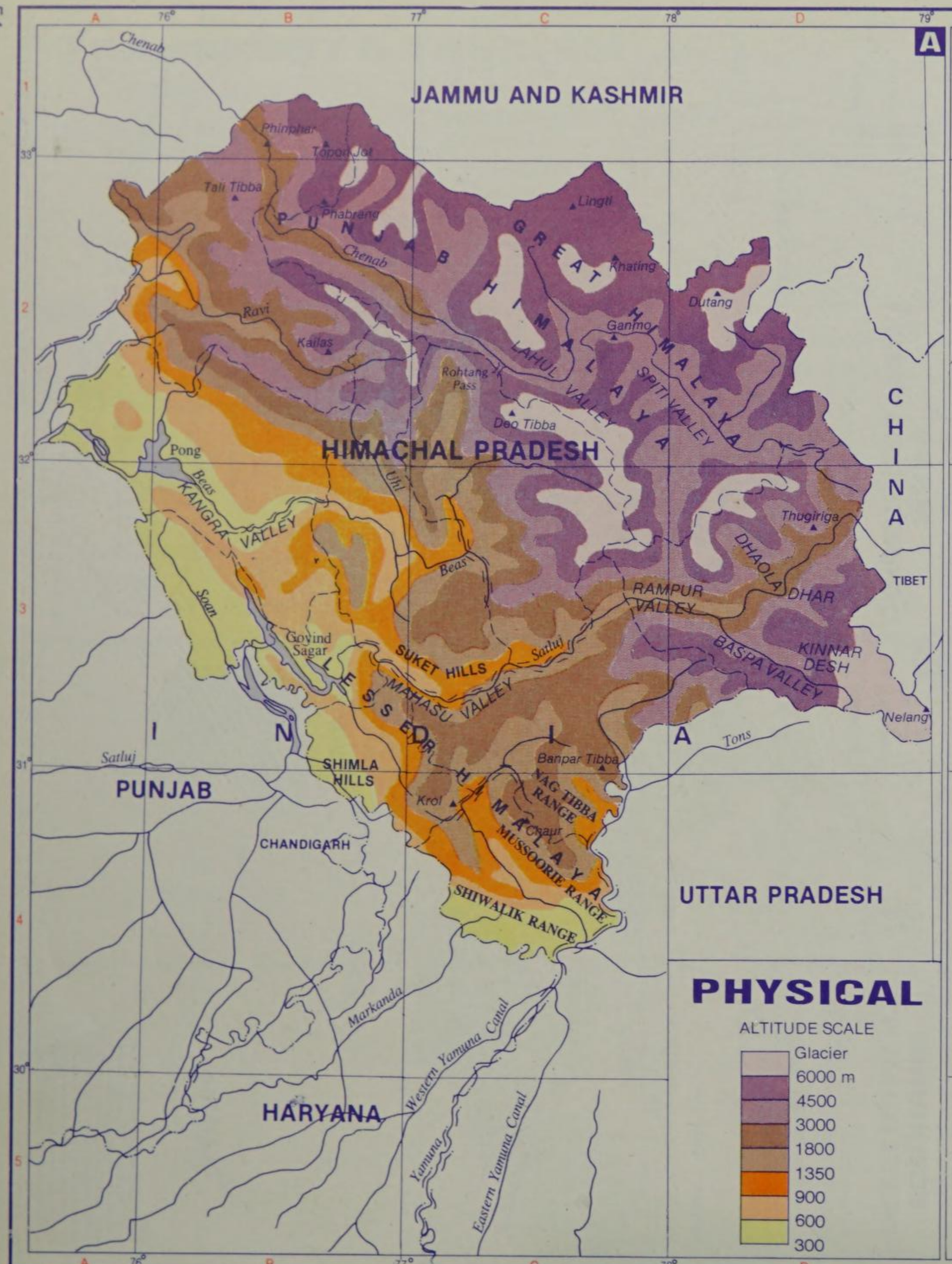
N, W, Station, E, S

Furthest distance covered by Radio in 1984 (N.E.W.S.) in km

Scale 1 cm. = 30 kms.

Scale 1:3 000 000 1 cm = 30 kms

HIMACHAL PRADESH



PHYSICAL

ALTITUDE SCALE

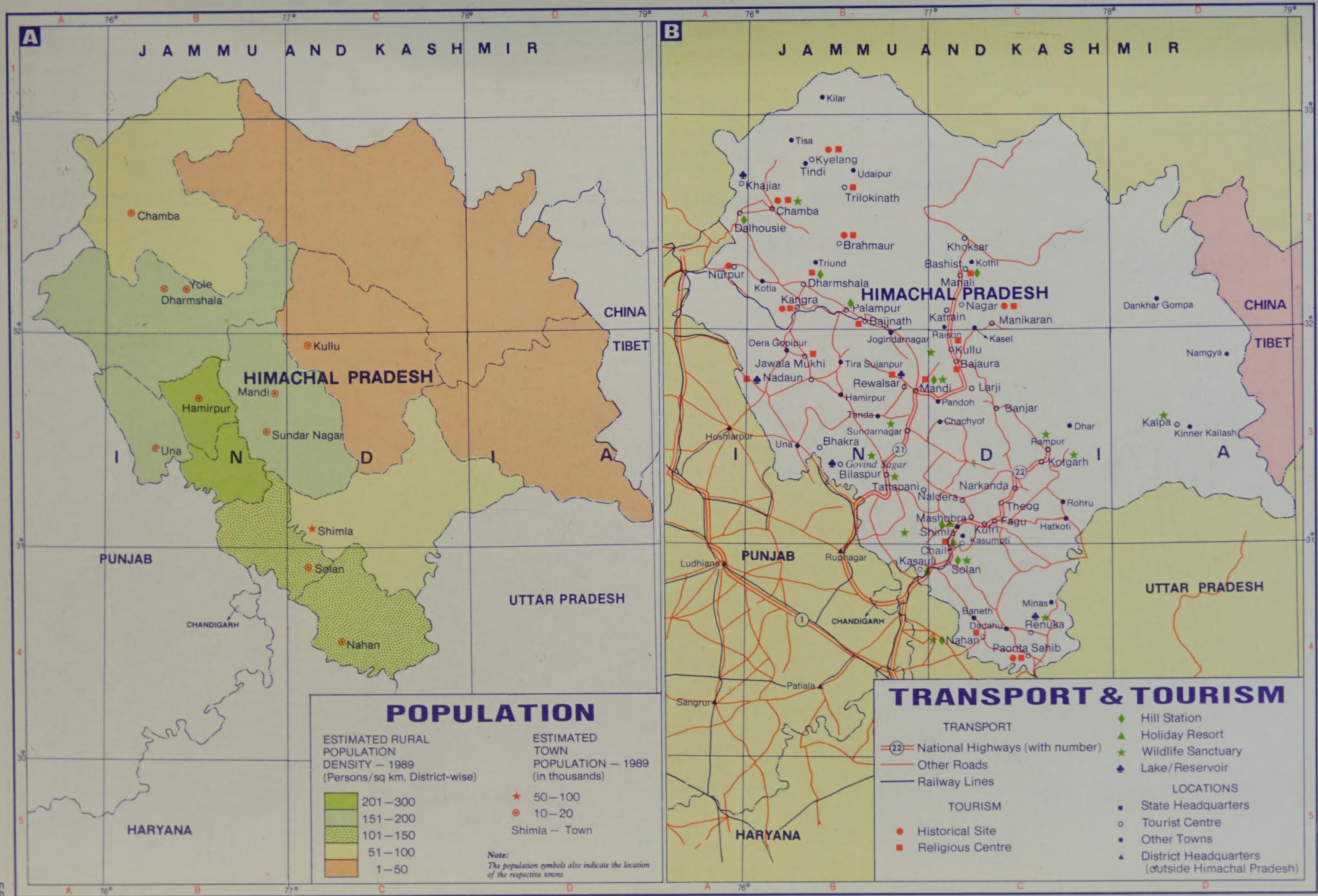
- Glacier
- 6000 m
- 4500
- 3000
- 1800
- 1350
- 900
- 600
- 300

Note:
Most taluks take their names from their headquarters. Where headquarters and taluks have the same names, only the headquarters have been located on the map. Where their names are different, the taluk's name is placed below the headquarters' location in brackets.

ADMINISTRATION

- International Boundary
- State Boundary
- District Boundary
- Taluk Boundary
- State Capital
- District Headquarters
- Taluk Headquarters

Scale 1:2 200 000 1 cm = 22 kms



Scale 1:2 200 000 1 cm = 22 kms

A

B

JAMMU AND KASHMIR

CHINA

TIBET

HIMACHAL PRADESH

INDIA

PUNJAB

CHANDIGARH

UTTAR PRADESH

HARYANA

Chenab

Ravi

Beas

Pong Reservoir

Uhl

Pandoh

Satluj

Bhakra Nangal

Govind Sagar

Tons

Markanda

Western Yamuna Canal

Yamuna

Eastern Yamuna Canal

Kullu

Rampur

Nalagarh

Kasauli

Saini

Rajgarh

Rajban

Paonta Sahib

AGRICULTURE

- Wheat
- Other Crops
- Millets
- Bhakra – Name of Irrigation Projects
- Rice
- Sugarcane
- Wheat
- Tea
- Mango
- Vegetables
- Spices and Condiments

CROP DATA:

SPICES & CONDIMENTS: GINGER: *Pachhad Taluk (Sirmaur Dt.)*

VEGETABLES: TOMATO: *Pachhad Taluk (Sirmaur Dt.)*

OTHER CROPS: POTATO: *Lahul & Spiti and Kinnaur Districts.*

Note:

1. *The colour scheme on the map indicates the major crop of each district (based on a comparison of the tonnages produced of the different crops in each district).*
2. *The colours used for each major crop appear in a darker and lighter shade. Those districts marked in the darker shade are major producers of the particular crop, while the districts marked in lighter shades produce comparatively less of the same crop, even though the crop is the major crop in that district.*
3. *The crop symbols overlaid show other important crops grown in each TALUK of the state.*

INDUSTRIES & MARKETS

- C Class Market
- Chemical products and Pharmaceuticals
- Food products
- Textile Industry
- Metal products
- Transport equipment

Note:

District-wise market poiential has been estimated on the basis of the following indicators: Area, Number of households, Population, Population growth rate, Sex ratio, Density of population, Male literacy, Female literacy, Urbanisation, Workforce, Number of traders, Bank offices/100,000 population, Per capita bank credit to agriculture, Per capita bank credit to industries, Total cropped area, Production of major crops, Number of motor vehicles, Post offices/100,000 population, Circulation of newspapers, Cinema houses/100,000 population, Number of radio sets, T.V. sets.

Scale 1:2 200 000 1 cm = 22 kms

A

B

C

JAMMU AND KASHMIR

I N D I A

CHAMBA

LAHUL & SPITI

CHINA

H I M A C H A L

KANGRA

P R A D E S H

TIBET

KULLU

HAMIRPUR

MANDI

UNA

KINNAUR

PUNJAB

BILASPUR

SHIMLA

UTTAR PRADESH

SOLAN

CHANDIGARH

SIRMAUR

Sataun

HARYANA

MINERALS

- ★ Glass Sand
- ✸ Copper
- ★ Sulphur
- ♦ Limestone
- ■ Barytes
- □ Uranium
- □ Slates
- ◎ Gypsum
- ● Coal
- ▲ Antimony
- ▲ Dolomite
- ♦ Gold
- ■ Iron Ore
- ● Rock Salt
- ⊠ Kyanite

ECONOMIC DEVELOPMENT

ESTIMATED INDEX OF LEVELS OF ECONOMIC DEVELOPMENT – 1989

AVERAGE

All India 100 →

State 59 →

- 150–200
- 100–150
- 50–75
- 25–50

MANDI – Other Districts

Una – Notified Backward Districts

Note:

The levels of economic development are based on the following indicators: Per capita value of output of major crops, Per capita bank credit to agriculture, Number of mining and factory workers per 100,000 population, Number of households of manufacturing workers per 100,000 population, Per capita bank credit for manufacturing sector, Per capita bank deposits, Per capita bank credit to services, Literacy and Urbanisation.

Chamba

Lahul & Spiti

Kangra

Kullu

Hamirpur

MANDI

Una

KINNAUR

BILASPUR

SHIMLA

Solan

Sirmaur

MASS COMMUNICATION

ESTIMATED POPULATION COVERED BY T.V. CENTRE – 1986 (in million)

- 1–5
- 0–0.5
- ● T.V. & Radio Centre
- ● T.V. Centre

Shade indicates population covered by T.V. Centre

Station

2,000 sq.kms.

N

W Station E

S

Furthest distances covered by Radio in 1984 (N.E.W.S.) in km

Scale 1 cm = 26 kms

Kullu

Mandi

Shimla

Kasauli (Solan)

Scale 1:2 600 000 1 cm = 26 kms

JAMMU & KASHMIR

PHYSICAL

ALTITUDE SCALE

Glacier
6000 m
4500
3000
1800
1350
900
600
300
150

U.S.S.R.
AFGHANISTAN
CHINA
TIBET
PAKISTAN
CHINA
TIBET
HIMACHAL PRADESH
PUNJAB

Kilik Dawan
Mintaka P.
Parpik P.
Kharchanal Dawan
Khunjerab P.
HUNZA
GHUJERAB RANGE
GREAT KARAKORAM
HINDURAJ RANGE
ISHKUMAN
GILGIT
KUH GHIZAR
PUNIAL
Barkultizom
Gilgit
NAGIR
Momhil Sar
Disteghil Sar
Rakaposhi
Pumarikshi
Kanjut Sar
Yarkand or Zarafshan
Aghil P.
RAKAPOSHI RANGE
Daknyor
MOUNTAINS
Kine Shis
Bilchhar Dobani
TANGIR
DAREL
BARAMOSH RANGE
Chamuri
Indus
Broad Peak
Masherbrum
Gasherbrum
Marpo La
Chagolisa
MASHERBRUM RANGE
Singhi Kangri
Shaksgam La
Karakoram
Yangi Dawan
Qara Tagh P.
KUNLUN MOUNTAINS
SODA PLAINS
Marshakala
DEOSAI RANGE
Saltoro Kangri
K2
Rimo Peak
Mamostong Kangri
BALTISTAN
DEPSANG BASIN
AKSAI BASIN
LOKZHUNG RANGE
Nanga Parbat (Diamir)
Shyok
EAST LADAKH PLATEAU
LINGZI TANG BASIN
GURAIS VALLEY
DEOSAI BASIN
K22
JAMMU AND KASHMIR
GREAT HIMALAYA
DRAS BASIN
INDUS VALLEY
LADAKH RANGE
Wular Lake
Haramukh
Mahadev
VALE OF KASHMIR
PIRPANJAL RANGE
PUNCH
Jhelum
RIASI HILLS
Nun Kun
ZASKAR RANGE
ZASKAR VALLEY
Suskiang
Tsarap Lingti
Chamkang
Lanak La
CHANG CHENMO RANGE
Dimjor La
Kone La
Kapsang La
PANGONG RANGE
Pangong Tso
Rum Tso
Drakiar
Kran Kalhauru
Chenab
SHIWALIK RANGE
DAMAN-I-KOH
PLAIN
KAR BASIN
Kesar
Chalung
Chumik
KAILAS RANGE
Chang La
Tso Morari
Kharpa
LAM BASIN
HANLE BASIN
Kyungzing La
Jara La
Ravi
Charding La
Sengge Khabab (Indus)
Imis La

Scale 1:2 700 000 1 cm = 27 kms

ADMINISTRATION

Note:
Most taluks take their names from their headquarters. Where headquarters and taluks have the same names, only the headquarters have been located on the map. Where their names are different, the taluk's name is placed below the headquarters' location in brackets.

- International Boundary
- State Boundary
- District Boundary
- State Capital
- District Headquarters
- Taluk Headquarters

A U.S.S.R. AFGHANISTAN CHINA PAKISTAN

GILGIT · Gilgit · TRIBAL TERRITORY · CHILAS · Chilas · GILGIT WAZARAT · MUZAFFARABAD · Muzaffarabad · KASHMIR NORTH · Kupwara · Handwara · Bandipura · KASHMIR SOUTH · Ganderbal · Baramula · Srinagar · Uri · Pahalgam · Badgam · Tangmarg · Tral · PUNCH · Punch · Pulwama · Bijbiara · Mendhar · Shupiyan · Anantnag · Kulgam · Doru · MIRPUR · Rajauri · Budhal · Kalakote · RIASI · Mirpur · Naoshera · Riasi · UDHAMPUR · Ramban · Kishtwar · Doda · Chineni · Bhadarwah · Udhampur · Akhnur · JAMMU · Ramnagar · Jammu · Ranbirsinghpura · Samba · Bilaur · Bishnah · Basoli · KATHUA · Hiranagar · Kathua · PUNJAB

LADAKH · Kargil · Leh

J A M M U A N D K A S H M I R

I N D I A

HIMACHAL PRADESH

CHINA TIBET

POPULATION

Note:
The population symbols also indicate the location of the respective towns.

ESTIMATED RURAL POPULATION DENSITY — 1989
(Persons/sq km, District-wise)

- 201–300
- 151–200
- 101–150
- 51–100
- 1–50

ESTIMATED TOWN POPULATION — 1989
(in thousands)

- 500–1000
- 250–500
- 20–50
- 10–20
- Punch — Town

B U.S.S.R. AFGHANISTAN CHINA PAKISTAN

N.A. · N.A. · N.A. · N.A. · N.A.

Bandipura · Sopur · Baramula · Ganderbal · Srinagar · Pampore · Leh · Punch · Pulwama · Tral · Bijbiara · Shupiyan · Kulgam · Achabal · Rajauri · Udhampur · Jammu · Ranbirsinghpura · Samba · Arnia · Kathua · Bari Brahamana · PUNJAB

J A M M U A N D K A S H M I R

I N D I A

HIMACHAL PRADESH

CHINA TIBET

MAJOR CITIES — 1989

Towns with more than 250,000 population
(Estimated in thousands)

Srinagar	810
Jammu	307

Scale 1:3 750 000 1 Cm = 37.5 Km.

TRANSPORT & TOURISM

TRANSPORT
- National Highways (with number)
- Other Roads
- Railway Lines

TOURISM
- Historical Site
- Religious Centre
- Hill Station
- Holiday Resort
- Wildlife Sanctuary
- Lake/Reservoir

LOCATIONS
- State Headquarters
- Tourist Centre
- Other Towns
- District Headquarters (outside Jammu & Kashmir)

U.S.S.R.
AFGHANISTAN
CHINA
PAKISTAN
JAMMU AND KASHMIR
CHINA
TIBET
INDIA
HIMACHAL PRADESH
PUNJAB

Gilgit
Chilas
Muzaffarabad
Harwar
Bandipura
Athwatoo
Gangabal
Wular Lake
Watlab
Kangan
Sonamarg
Khajiar
Glacier
Dras
Kargil
Mulbekh
Baramula
Ganderbal
Tarsar
Amarnath (Cave)
Khalsi
Lamayuru
Nimu
Alchi Gompa
Spituk
Leh
Uri
Gulmarg
Pattan
Dachigam
Kolhoi Glacier
Srinagar
Aru
Sheshnag
Liddarwat
Chandanwari
Tanmarg
Khilanmarg
Nilnag
Awantipura
Pahalgam
Hemis Gompa
Yusmarg
Martand
Punch
Charar-I-Sharif
Anantnag
Achabal
Daksum
Aharbal
Kokarnag
Vernag
Rajauri
Kishtwar
Mirpur
Naoshera
Riasi
Batoti
Doda
Kud
Waishnodevio
Akhnur
Udhampur
Ramnagar
Jammu
Bilaur
Basoli
Kathua
Chamba
Kyelang

Scale 1:2 700 000 1 cm = 27 kms

AGRICULTURE

NOTE: * Area covered by completed irrigation projects and projects nearing completion.

1. The colour scheme on the map indicates the major crop of each district (based on a comparison of the tonnages produced of the different crops in each district).
2. The colours used for each major crop appear in a darker and lighter shade. Those districts marked in the darker shade are major producers of the particular crop, while the districts marked in lighter shades produce comparatively less of the same crop, even though the crop is the major crop in that district.
3. The crop symbols overlaid show other important crops grown in each TALUK of the state.

Irrigated Area* Dadi – Name of Irrigation Projects

Rice · Wheat · Millets

Maize · Sugarcane

Rice · Oil Seeds

Wheat

U.S.S.R. AFGHANISTAN CHINA TIBET PAKISTAN HIMACHAL PRADESH PUNJAB

N.A. Gilgit Indus Shyok Jhelum Chenab

Lalkhul Zainagir Wular Lake Dadi Awantipura Martand Pratap Udhampur Ranbir Ujh Basantpur Pangong Tso

J A M M U A N D K A S H M I R

I N D I A

CROP DATA:

MILLETS: MAIZE: *Kashmir South, Kashmir North and Muzaffarabad districts*

OILSEEDS: RAPESEED: *Kathua, Udhampur, Kashmir North, Riasi and Kashmir South districts;* MUSTARD: *Udhampur, Kashmir North, Kashmir South, Kathua, Rajauri and Udhampur;* SESAMUM: *Kathua district,* LINSEED: *Kashmir North district*

INDUSTRIES & MARKETS

B Class Market · C Class Market

Other Industrial Centres

Chemical products and Pharmaceuticals

Food products · Metal products

Textile Industry · Non-metallic products

U.S.S.R. AFGHANISTAN CHINA TIBET PAKISTAN HIMACHAL PRADESH

Baramula Badgamo Srinagar Anantnag Kathua

J A M M U K A S H M I R

I N D I A

Note:

District-wise market potential has been estimated on the basis of the following indicators: Area, Number of households, Population, Population growth rate, Sex ratio, Density of population, Male literacy, Female literacy, Urbanisation, Workforce, Number of traders, Bank offices/100,000 population, Per capita bank credit to agriculture, Per capita bank credit to industries, Total cropped area, Production of major crops, Number of motor vehicles, Post offices/100,000 population, Circulation of newspapers, Cinema houses/100,000 population, Number of radio sets, T.V. sets.

Scale 1:3 750 000 1 cm = 37.5 kms

MINERALS

- Clay
- Coal
- Fuller's Earth
- Glass Sand
- Limestone
- Lignite
- Natural Gas
- Bauxite
- Chromium
- Copper
- Galena
- Gold
- Manganese
- Nickel
- Borax
- Graphite
- Gypsum
- Mineral Paints
- Sapphires
- Zinc

ECONOMIC DEVELOPMENT

ESTIMATED INDEX OF LEVELS OF ECONOMIC DEVELOPMENT – 1989

AVERAGE
All India 100
State 40

- Over 200
- 100–150
- 50–75
- 25–50
- 0–25

MIRPUR – Other Districts

Jammu – Notified Backward Districts

Note:
The levels of economic development are based on the following indicators: Per capita value of output of major crops, Per capita bank credit to agriculture, Number of mining and factory workers per 100,000 population, Number of households of manufacturing workers per 100,000 population, Per capita bank credit for manufacturing sector, Per capita bank deposits, Per capita bank credit to services, Literacy and Urbanisation.

Note:
1. *The town/village names on the map are major mining centres of the mineral/minerals indicated alongside the town/village name.*
2. *All other mineral symbols are located in the taluks/tahsils where the respective minerals are mined.*

MASS COMMUNICATION

ESTIMATED POPULATION COVERED BY T.V. CENTRE – 1986

- 1–5
- 0–0.5
- T.V. & Radio Centre
- T.V. Centre

N, W, Station, E, S – Furthest distance covered by Radio in 1984 (N.E.W.S.) in km.

Scale 1 cm. = 37.5 kms

Station – Shade indicates population covered by T.V. Centre

Range 2000 sq. kms.

Scale 1:3 750 000 1 cm = 37.5 kms.

KARNATAKA

PHYSICAL

ALTITUDE SCALE

3000 m
1800
1350
900
600
300
150
0 Sea level
75
300

MAHARASHTRA
ANDHRA PRADESH
GOA
KERALA
TAMIL NADU
INDIA
ARABIAN SEA
MAHE (PONDICHERRY)

KARNATAKA PLATEAU
KARNATAKA
WESTERN GHATS
MYSORE PLATEAU
VIJAYANAGAR PLATEAU
BELGAUM PLATEAU
RAICHUR PLATEAU
HUTTI PLATEAU
COORG PLATEAU
BANGALORE PLATEAU
SOUTH KANARA PLAIN
NORTH KARNATAKA PLAIN
MIDDLE KRISHNA VALLEY
UPPER KRISHNA VALLEY
UPPER CAUVERY VALLEY
LOWER BHIMA VALLEY
TUNGABHADRA PLATEAU
KAPPAT HILLS
HORTI HILLS
SHAHPUR HILLS
BAGALKOT HILLS
GOKAK HILLS
JAMKHANDI HILLS
CHIKODI RANGE
BADAMI HILLS
KAVITAL HILLS
SHIMOGA HILLS
BABA BUDAN HILLS
CHITRADURGA HILLS
TUMKUR HILLS
NANDI HILLS
SANDUR HILLS
BILIGIRI RANGAN HILLS
KOLAR PLATEAU

Nizam Sagar
Manjra
Sina
Bhima
Ramanalli Tank
Don
Krishna
Malprabha
Tungabhadra
Tungabhadra High Level Canal
Chitravati
Penneru
Papagni
Upper Penneru
Kalinadi
Magod Falls
Dharma
Tadri
Gersoppaghat
Jog Falls
Anjanapura
Shanti Sagar
Linganamakki
Devarkonda
Tunga
Bhadra
Vedavati
Vanivilasa Sagara
Gayatri
Jelashaya
Sita
Netravati
Payaswani
Pushpagiri
Narayan Durga
Savan Durga
Marakonahalli
Chamarajsagar
Krishnaraja Sagara
Kaveri
Cauvery Falls
Kabani
Sivasamudram Falls
Nugu
Stanley
Chinnar
Palar
Kuppam
Dandeli Falls

Scale 1:2 500 000 1 cm = 25 kms

ADMINISTRATION

State Boundary
District Boundary
Taluk Boundary
State Capital
District Headquarters
Taluk Headquarters

MAHARASHTRA
GOA
ANDHRA PRADESH
TAMIL NADU
ARABIAN SEA
KERALA

BIDAR
Aurad
Bhalki
Bidar
Basavakalyan
Homnabad

GULBARGA
Aland
Chincholi
Gulbarga
Afzalpur
Indi
Sedam
Chitapur
Jevargi
Sindgi

BIJAPUR
Athni
Jamkhandi
Basavana Bagevadi
Shahpur
Yadgir
Shorapur
Raybag
Chikodi
Bilgi
Muddebihal
Mudhol
Hukeri
Gokak
Bagalkot
Devadurga
Raichur
Lingsugur
Hungund
Manvi

BELGAUM
Belgaum
Ramdurg
Badami
Parasgad
Sampgaon
Khanapur

RAICHUR
Kushtagi
Sindhnur
Nargund
Ron
Navalgund
Yelburga
Sirguppa
Gangawati

DHARWAD
Dharwad
Gadag
Haliyal
Supa
Hubli
Mundargi
Koppal
Hospet
Kalghatgi
Kundgol
Shirhatti
Hagaribommanahalli
Bellary

KARNATAKA
Sandur
Yellapur
Mundgod
Savanur
Shiggaon
Huvvinahadagalli
BELLARY
Kudligi
UTTAR KANNAD
Karwar
Hangal
Haveri
Harpanahalli
Ankola
Byadgi
Molakalmuru
Sirsi
Ranibennur
Harihar
Kumta
Hirekerur
Jagalur
Davangere
Siddapur
Sorab
Challakere
Honavar
Shikarpur
Chitradurga
Honnali
CHITRADURGA
TUMKUR
Pavagada
Sagar
Bhatkal
SHIMOGA
Channagiri
Holalkere
Shimoga
Hosanagara
Bhadravati
Hiriyur
Hosdurga
Tarikere
Sira
Madhugiri
Bagepalli
Gudibanda
Kundapura
Tirthahalli
Narasimharajapura
Kadur
Koratagere
Gauribidanur
Sidlaghatta
Chintamani
Koppa
CHIKMAGALUR
TUMKUR
Chik Ballapur
Sringeri
Arsikere
Chiknayakanhalli
Tumkur
Udupi
Chikmagalur
Tiptur
Gubbi
Dod Ballapur
KOLAR
Srinivaspur
Karkal
DAKSHIN KANNAD
Mudigere
Belur
Turuvekere
Devanhalli
Kolar
Mulbagal
HASSAN
Hassan
Nelamangala
Hoskote
Mangalore
Beltangadi
Kunigal
Bangalore
Malur
Bangarapet
Manjarabad
Alur
Channarayapatna
Magadi
BANGALORE
Bantval
KANNAD
Hole Narsipur
Nagamangala
Ramanagaram
Anekal
Puttur
Arkalgud
Krishnarajpet
MANDYA
Maddur
Channapatna
Sulya
Somvarpet
Pandavapura
Mandya
Kanakapura
Madikeri
Krishnarajanagara
Shrirangapattana
Malavalli
KODAGU
Piriyapatna
Mysore
Hunsur
Tirumakudal Narsipur
Kollegal
Virarajendrapet
Heggadadevankote
MYSORE
Nanjangud
Yelandur
Chamrajnagar
Gundlupet
MAHE (PONDICHERRY)

Note:
Most taluks take their names from their headquarters. Where headquarters and taluks have the same names, only the headquarters have been located on the map. Where their names are different, the taluk's name is placed below the headquarters' location in brackets.

Scale 1:2 500 000 1 cm = 25 kms

POPULATION

ESTIMATED RURAL POPULATION DENSITY – 1989 (Persons/sq km, District-wise)

- 301–500
- 201–300
- 151–200
- 101–150
- 51–100

ESTIMATED TOWN/VILLAGE POPULATION–1989 (in thousands)

- ■ OVER 1,000
- ● 500–1,000
- ▲ 250–500
- ♦ 100–250
- ★ 50–100
- □ 20–50
- ⊙ 10–20

Sira – Town

Maski – Village

Note:
The population symbols also indicate the location of the respective towns/villages.

NAMES FOR LOCATIONS NUMBERED ON THE MAP

BELGAUM

1. *Athni (Rural)*
2. *Ekarambe*
3. *Galatga*
4. *Karadaga*
5. *Kerur*
6. *Mallapur*
7. *Naganur*
8. *Shindikurbet*
9. *Harugeri*
10. *Hidakal*
11. *Kankanwadi*
12. *Mugalkhod*

MAHARASHTRA

ANDHRA PRADESH

GOA

KARNATAKA

KERALA

TAMIL NADU

ARABIAN SEA

INDIA

MAHE (PONDICHERRY)

MAJOR CITIES — 1989

Towns with more than 250,000 population (Estimated in thousands)

Bangalore	4,689
Hubli-Dharwad	690
Mysore	606
Mangalore	408
Belgaum	397
Gulburga	306
Bellary	298
Davangere	294

Scale 1:2 500 000 1 cm = 25 kms

TRANSPORT & TOURISM

TRANSPORT

- National Highways (with number)
- Other Roads
- Railway Lines
- Seaport

TOURISM

- Historical Site
- Religious Centre
- Hill Station
- Wildlife Sanctuary
- Beach
- Lake/Reservoir

LOCATIONS

- State Headquarters
- Tourist Centre
- Other Towns
- District Headquarters (outside Karnataka)

INDIA

KARNATAKA

MAHARASHTRA

GOA

ANDHRA PRADESH

TAMIL NADU

KERALA

MAHE (PONDICHERRY)

ARABIAN SEA

Aurad, Bhalki, Basavakalyan, Bidar, Homnabad, Sangareddi, Hyderabad, Gulbarga, Zalki, Gangapur, Wadi, Jevargi, Tikota, Bijapur, Devar Hippargi, Kolhapur, Sangli, Basavana Bagevadi, Mahbubnagar, Shorapur, Nipani, Chikodi, Jamkhandi, Kudala Sangama, Mudhol, Muddebihal, Almatti, Hukeri, Ghatprabha, Gokak, Bagalkot, Hatti, Raichur, Lingsugur, Hungund, Mudgal, Aivalli, Yargatti, Badami, Patadkal, Maski, Belgaum, Manoli, Tawargeri, Kurnool, Saundatti, Nargund, Kushtagi, Sindhnur, Kittur, Halasi, Londa, Alnavar, Dharwad, Gadag, Gangawati, Hampi, Dandeli W.L.S., Hubli, Hospet, Torangallu, Kalghatgi, Gunda Road, Bellary, Tungabhadra Reservoir, Yellapur, Mundgod, Savanur, Magod Falls, Ittigi, Kudligi, Karwar, Haveri, Hanagal, Ankola, Sirsi, Anantapur, Gokarn, Yana, Banvasi, Harihar, Jagalur, Kumta, Lushington Falls, Sorab, Hirekerur, Davangere, Challakere, Gorsoppa, Honnali, Chitradurga, Jog Falls, Sagar, Linganamakki Reservoir, Chikjajur, Murudesvar, Holalkere, Pavagada, Bhatkal, Shimoga, Hiriyur, Bhadravati, Vanivilasa Sagara, Mandagadde Bird Sanctuary, Hosdurga, Kollur, Sira, Madhugiri, Maravanthe, Tirthahalli, Bhadra Reservoir, Huliyar, Agumbe, Koppa, Gauribidanur, Ghatisubramanya, Kemmannugundi, Malpe, Manipal, Sringeri, Baba Budan, Nandi Hill, Chintamani, Udupi, Balehonnur, Chikmagalur, Arsikere, Kibbanhalli, Tumkur, Srinivaspur, Karkal, Kudremukh, Belur, Halebid, Tiptur, Kyatsandra, Dod Ballapur, Mulbagal, Devarayadurga, Mudbidri, Sivagangao, Hoskote, Kolar, Suratakal, Panamburu, Venur, Hassan, Nelligere, Yadiyur, Bangalore, Bangarapet, Dharmastala, Sakleshpur, Channarayapatna, Kolar Gold Fields, Mangalore, Ullal, Hole Narsipur, Shravan Belgola, Bannerghatta N.P., Kumaradhara, Subrahmanya, Krishnarajpet, Bellur B.S., Melukote, Channapatna, Kasaragod, Brindavan Gardens, Krishnaraja Sagara, Mandya, Madikeri, Talakaveri, Ranganathittoo W.L.S., Shrirangapattana, Mysore, Somanathapur, Bheemeswari and Doddmakali, Dharmapuri, Chamundi, Sivasamudram, Hogenekal Falls, Virarajendrapet, Nanjangud, Mahadeshwara Hills, Nagarahole N.P., Santemarahalli, Chamrajnagar, Cannanore, Kharapur, Biligirirangan Hills, Gundlupet, Kalpetta, Bandipur N.P., Salem

Scale 1:2 500 000 1 cm = 25 kms

AGRICULTURE

Irrigated Area — Chamaraja — Name of Irrigation Projects

Rice

Millets

Sugarcane

Oil Seeds

NOTE:

* *Area covered by completed irrigation projects and projects nearing completion.*

1. *The colour scheme on the map indicates the major crop of each district (based on a comparison of the tonnages produced of the different crops in each district).*
2. *The colours used for each major crop appear in a darker and lighter shade. Those districts marked in the darker shade are major producers of the particular crop, while the districts marked in lighter shades produce comparatively less of the same crop, even though the crop is the major crop in that district.*
3. *The crop symbols overlaid show other important crops grown in each TALUK of the state.*

Jowar
Maize
Ragi
Rice
Wheat
Arecanut
Banana
Betel Leaf
Cashewnut
Chilli
Coffee
Cotton

Mango
Orange
Potato
Spices and Condiments
Sugarcane
Tobacco
Vegetables
Coconut
Groundnut
Pulses

CROP DATA:

MILLETS: JOWAR: *Bellary, Bidar, Dharwad, Gulbarga and Raichur Districts.* RAGI: *Bangalore and Kolar Districts.*
OILSEEDS: COCONUT: *Hassan and Tumkur Dts.*
PULSES: TUR DAL: *Jevargi Taluk (Gulbarga Dt.)*
SPICES & CONDIMENTS: CARDAMOM: *Madikeri and Somvarpet Taluks (Kodagu Dt.), Mudigere, Tarikere (Chikmagalur), Siddapur (Uttar Kannad),* GINGER: *Narasimharajapura (Chikmagalur),* TAMARIND: *Challakere (Chitradurga), Nagamangala (Mandya), Srinivaspur (Kolar),* PEPPER: *Viraipet, Somvarpet (Kodagu), Siddapur, Sirsi, Yellapur (Uttar Kannad).*

MAHARASHTRA
ANDHRA PRADESH
GOA
KARNATAKA
KERALA
TAMIL NADU
ARABIAN SEA
MAHE (PONDICHERRY)

Manjra, Tirna, Karanja, Madhura, Chulkinala, Karanja, Mullamari, Sina, Bhima, Amarja, Benithora, Mullamari, Lower Mullamari, Benithora, Kagna, Diksanga, Bori, Ramanalli Tank, Nagathana, Hathikoni, Bhima Irrigation, Don, Upper Krishna, Krishna, Ghatprabha, Almatti, Hidkal, Narayanpur, Left Bank Main Canal, Tungabhadra, Kolchiweir, Malprabha, Kanakanala, Malaprabha, Bhutevadi, Sattinala, Tupari, Hirehalla, Kalikadi, Tadri, Tungabhadra, Hagari (Vedavati), Kurnool Cuddapah Canal, Beda, Bachanki, Dharma, Varada, Hagaribommanahalli, Tungabhadra High Level Canal, Kunderu, Gangavali, Dharma, Dandavathi, Madagmasur, Chikka Hagari, Chinna Hagari or Janaga Halla, Penneru, Chitravari, Papagni, Upper Penneru, Sharavati, Anjanapura, Ambligola, Upper Tungabhadra, Shanti Sagar, Linganamakki, Tunga, Bhadra, Jambadahalla, Vanivilasa Sagara, Gayatri Jalashya, Jayamangali, Borankanave, Kollur, Kolluru, Bijur, Varahi, Sita, Swarnanadi, Upper Bhadra, Yagachi, Gotehole, Hemavati, Srirangadevaru Marconhalli, Upper Shimsha, Marakonahalli, Chamarajsagar, Manchanabele, Byramangala, Kanva, Arkavathy, Chinnar, Gurpur, Netravati, Payaswani, Krishnarajasagara, Harangi, Chiklihole, Kattemalavadi, Shimsha Falls, Kabani or Kapila, Hollahalli Anicut, Mahadeva Mantri, Chengavadi, Hogenakal Falls, Kayeri (Cauvery), Ponnaiyar, Lakshmanatirtha, Nugu, Suvarnamukhi, Chikkahole, Kabani, Nallur Amanikere, Palar, Stanley, Moyar

Scale 1:2 500 000 1 cm = 25 kms

INDUSTRIES & MARKETS

A Class Market
B Class Market
C Class Market

Major Industrial Centres
Other Industrial Centres
Beverage and Tobacco products
Chemical products and Pharmaceuticals
Food products
Leather, Rubber and Plastic products
Textile Industry
Electrical machinery
Metal products
Non-electrical machinery
Non-metallic products
Paper products
Transport equipment

Bidar
Hallikhed
Gulbarga
Malkhaid
Chitapur
Wadi
Bijapur
Ugar Khurd
Shahabad
Chikodi
Chicksugar
Sankeshwar
Hukeri
Gokak
Bagalkot
Hubli
Belgaum
Dharwad
Gadag
Hubli
Munirabad
Vijayanagar
Hospet
Dandeli
Hagari
Karwar
Gokarn
Harihar
Davangere
Harige
Shimoga
Bhadravati
Hosdurga
Mathodu
Chikmagalur
Kudremukh
Belur
Adityapatna
Gubbi
Tumkur
Dod Ballapur
Nagasandra
Hoskote
Kolar
Nelamangala
Malleswaram
Krishnarajapur
Bangarapet
Bangalore
Penamburu
Mangalore
Puttur
Hassan
Maddur
Mandya
Belagola
Madikeri
Mysore
Nanjangud

I N D I A
K A R N A T A K A
GOA
ANDHRA PRADESH
TAMIL NADU
KERALA
MAHE (PONDICHERRY)
ARABIAN SEA

Note:
District-wise market potential has been estimated on the basis of the following indicators: Area, Number of households, Population, Population growth rate, Sex ratio, Density of population, Male literacy, Female literacy, Urbanisation, Workforce, Number of traders, Bank offices/100,000 population, Per capita bank credit to agriculture, Per capita bank credit to industries, Total cropped area, Production of major crops, Number of motor vehicles, Post offices/100,000 population, Circulation of newspapers, Cinema houses/100,000 population, Number of radio sets, T.V. sets.

Scale 1:2 500 000 1 cm = 25 kms

1 cm = 37 kms Scale 1:3 700 000

MINERALS

- Asbestos
- Bauxite
- Cement & Mortar
- Chromite
- Chromium
- Cobalt & Nickel
- Copper
- Corundum
- Dolomite
- Feldspar
- Glass Sand
- Gold
- Graphite
- Iron
- Kaolin
- Kyanite
- Lead & Silver
- Lime Stone
- Magnesium
- Manganese
- Ochre
- Pyrite
- Quartz
- Silica Sand
- Steatite
- Sulphur

Note:

1. *The town/village names on the map are major mining centres of the mineral/minerals indicated alongside the town/village name.*
2. *All other mineral symbols are located in the taluks/tahsils where the respective minerals are mined.*

MAHARASHTRA
BIDAR
Shahabad
Wadi
GULBARGA
BIJAPUR
BELGAUM
RAICHUR
GOA
Gadag
DHARWAD
Hospet
Sandur
BELLARY
UTTAR KANNAD
K A R N A T A K A
CHITRADURGA
TUMKUR
SHIMOGA
Hosdurga
I N D I A
Kemmanagundi
CHIKMAGALUR
TUMKUR
KOLAR
DAKSHIN KANNAD
HASSAN
BANGALORE
Kolar Gold Field
ARABIAN SEA
MANDYA
KODAGU
TAMIL NADU
KERALA
Nanjangud
MYSORE
MAHE (PONDICHERRY)

ECONOMIC DEVELOPMENT

ESTIMATED INDEX OF LEVELS OF ECONOMIC DEVELOPMENT – 1989

AVERAGE
All India 100 →
State 94 →

- Over 200
- 100–150
- 75–100
- 50–75

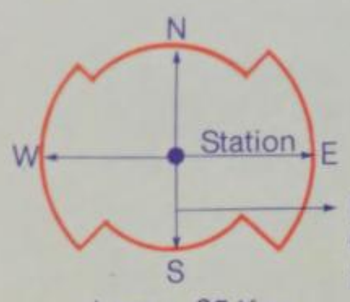
KOLAR – Other Districts
Tumkur – Notified Backward Districts

Note:
The levels of economic development are based on the following indicators: Per capita value of output of major crops, Per capita bank credit to agriculture, Number of mining and factory workers per 100,000 population, Number of households of manufacturing workers per 100,000 population, Per capita bank credit for manufacturing sector, Per capita bank deposits, Per capita bank credit to services, Literacy and Urbanisation.

Bidar
Gulbarga
Bijapur
Belgaum
I N D I A
Raichur
ANDHRA PRADESH
GOA
Dharwad
BELLARY
Uttar Kannad
K A R N A T A K A
SHIMOGA
CHITRADURGA
Tumkur
CHIKMAGALUR
Tumkur
KOLAR
Dakshin Kannad
Hassan
BANGALORE
ARABIAN SEA
MANDYA
KODAGU
TAMIL NADU
KERALA
Mysore
MAHE (PONDICHERRY)

MASS COMMUNICATION

Shade indicates population covered by T.V. Centre



Furthest distance Covered by Radio in 1984 (N.E.W.S.) in Km

1 cm = 25 Kms.

ESTIMATED POPULATION COVERED BY T.V. CENTRE —1986 (in million)

- 10—15
- 1—5
- 0.5—1
- 0—0.5

- T.V. & Radio Centre
- T.V. Centre

Bidar N.A.
Gulbarga
Bijapur
Raichur
Belgaum
Dharwad
Gadag
Hospet
Bellary
Davangere
Bhadravathi
N.A. Chickmagalur
Udupi
Hassan
Mangalore
Madikeri N.A.
Mysore
Bangalore

INDIA
KARNATAKA
ANDHRA PRADESH
TAMIL NADU
KERALA
ARABIAN SEA
MAHE (PONDICHERRY)

CITIES WITH 100 OR MORE PERIODICALS — 1985
(language-wise)

City	English	Hindi	Kannada	Others	Total
Bangalore	162	12	435	127	736

Scale 1:2 500 000 1 cm = 25 kms

KERALA

PHYSICAL

ALTITUDE SCALE

3000 m
1800
1350
900
600
300
150
0 Sea Level
75
300

KARNATAKA
TAMIL NADU
INDIA
Lakshadweep Sea
Arabian Sea

Payaswani
Kaveri (Cauvery)
Krishnarajasagara Reservoir
Lakshmanatirtha
Kuppam
Puchad
Aralam
PERIYAGHAT
MAHE (PONDICHERRY)
VAYITTIRIGHAT
Kabani
Banasuram
Vavul Mala
Makurti
Bhavani Sagar
Bhavani
Baypore
Anginda
Pulantod
Malampuzha Reservoir
Bharatha
Gayatri
PALGHAT GAP
Peechi Reservoir
NELLIAMPATHI PLATEAU
Parambikolam Reservoir
Paringalkuthu Reservoir
Chalakudi
Bhutattanbettu Reservoir
Anai Mudi
Periyar
Muvattupuzha
Vembanad Lake
Cudalur Pass
Periyar Lake
Manimala
Pamba
Kakki Reservoir
Achankovil
Devar Malai
Kayankulam Lake
Kallada
Mekarai Pass
Ariankavu Pass
Ashtamudi Kayal
Pon Mudi
Attingal

MALABAR PLAIN
MALABAR UPLANDS
WESTERN GHATS
TRAVANCORE PLATEAU
WAYANAD
NILGIRI
KUNDA HILLS
PALGHAT HILLS
KERALA COASTAL PLAINS
SOUTH PERIYAR PLATEAU
SOUTHERN GHATS
PALNI HILLS
ANAIMALAI
AGASTYA MALAI

Scale 1:1 700 000 1 cm = 17 kms

B

KARNATAKA
LAKSHADWEEP SEA
TAMIL NADU

Kasaragod
KASARAGOD
Hosdurg
Talipparamba
CANNANORE
Cannanore
Tellicherry
MAHE (PONDICHERRY)
Manantavadi
WAYANAD
Sultan's Battery
Kalpetta
Badagara
KOZHIKODE
Vayittiri
Quilandy
Calicut (Kozhikode)
MALAPPURAM
Manjeri (ERNAD)
Malappuram
Perintalmanna
Mannarkkad
Tirur
PALGHAT
Ottappalam
Palghat
Ponnani
Vadakkanchery (TALAPPILLY)
Chittur
Chavakkad
Alattur
Trichur
TRICHUR
Irinjalakuda (MUKUNDAPURAM)
KERALA
Kodungallur
Kunnathunadu
Alwaye
Devikolam
Parur
Kotamangalam
ERNAKULAM
IDUKKI
Ernakulam
Muvattupuzha
Udumbanchola
Kanayannur
Todupulai
Vaikam
KOTTAYAM
Painavu
Shertalai
Meenachil
Kottayam
ALLEPPEY
Kanjirapalli
Pirmed
Alleppey
Changanacheri
Moncombu (KUTTANAD)
Tiruvalla
Ambalapulai
Chengannur
Haripad (KARTHIGAPPALLY)
Pathanamthitta
PATHANAMTHITTA
Mavelikara
Karungapalli
Kunnathur
Pattanapuram
Kottarakara
QUILON
Quilon
Attingal (CHIRAYINKIL)
TRIVANDRUM
Nedumangad
TRIVANDRUM
Neyyattinkara

Scale 1:2 500 000 1 cm = 25 kms

Note:
Most taluks take their names from their headquarters. Where headquarters and taluks have the same names, only the headquarters have been located on the map. Where their names are different, the taluk's name is placed below the headquarters' location in brackets.

ADMINISTRATION

- State Boundary
- District Boundary
- Taluk Boundary
- State Capital
- District Headquarters
- Taluk Headquarters

POPULATION

MAJOR CITIES — 1989

Towns with more than 250,000 population
(Estimated in thousands)

Cochin	1,085
Kozhikode	864
Trivandrum	822
Trichur	294

ESTIMATED RURAL POPULATION DENSITY-1989
(Persons/sq km, District-wise)

- Above 1000
- 501–1000
- 301–500
- 151–200

Tellicherry — Town

Note:
The population symbols also indicate the location of the respective towns

ESTIMATED TOWN POPULATION — 1989
(in thousands)

- OVER 1,000
- 500–1,000
- 250–500
- 100–250
- 50–100
- 20–50
- 10–20

KARNATAKA

TAMIL NADU

INDIA

Arabian Sea

Lakshadweep

Kasaragod
Talipparamba
Kanhirode
Kalliasseri
Chelora
Elayavoor
Pappinisseri
Peralassery
Azhikkod
Chalatt
Cannanore
Kadachira
Kottayam
Muzhappilangad
Kuttuparamba
Edakkad
Eranholi
Tellicherry
Kodiyeri
MAHE (PONDICHERRY)
Badagara
Calicut (Kozhikode)
Manjeri
Malappuram
Tirur
Ponnani
Shoranur
Ottappalam
Palghat
Tattamangalam
Kunnamkulam
Guruvayur
Trichur
Pudukad
Irinjalakuda
Chalakudi
Kodungallur
Angamali
Chendamangalam
Vadakkekara
Paru
Perumbavur
Alwaye
Mulavucad
Kottuvally
Kotamangalam
Cochin
Muvattupula
Todupulai
Vaikam
Shertallai
Pala
Kottayam
Changanacheri
Alleppey
Tiruvalla
Chengannur
Mavelikara
Pathanamthitta
Kayankulam
Punalur
Quilon
Eravipuram
Vadakkevila
Paravur
Varkala
Attingal
Nedumangad
Trivandrum
Neyyattinkara

Scale 1:1 700 000 1 cm = 17 kms

TRANSPORT & TOURISM

TRANSPORT

- National Highways (with number)
- Other Roads
- Railway Lines
- Seaport

TOURISM

- Historical Site
- Religious Centre
- Hill Station
- Wildlife Sanctuary
- Beach
- Lake/Reservoir

LOCATIONS

- State Headquarters
- Tourist Centre
- Other Towns
- District Headquarters (outside Kerala)

KARNATAKA

TAMIL NADU

Lakshadweep Sea

Kasaragode
Hosdrug
Payyannur
Talipparamba
Azhikkod
Cannanore
Tellicherry
Mahe
Badagara
Kuttyadi
Kuttuparamba
Mattanur
Madikeri
Mysore
Manantavadi
Sultan's Battery
Wayanad W.L.S.
Vayittiri
Udagamandalam
Pantalayini
Kedavur
Calicut (Kozhikode)
Beypore
Nilambur
Anginda
Manjeri
Pandikkad
Malappuram
Perintalmanna
Mannarkkad
Coimbatore
Olavacod
Shoranur
Palghat
Malampuzha
Cheruthuruthy
Ponnani
Guruvayur
Kollengode
Trichur
Peechi
Karuvapadna
Kodungallur
Angamali
Kaladi
Malayattur
Perumbavur
Alwaye
Anai Mudi
Munnar
Naraka
Ernakulam
Muvattupula
Cochin
Tripunittura
Todupulai
Pienave
Idukki W.L.S.
Valkam
Ettumanur
Kottayam
Kanjirappalli
Pirmed
Periyar W.L.S.
Alleppey
Changanacheri
Sabarimalai
Chengannur
Kayankulam
Adur
Kottarakara
Punalur
Chavara
Tenmalai
Tangusseri
Quilon
Ayur
Varkala
Pon Mudi
Tirunelveli
Attingal
Anjengoo
Nedumangad
Neyyar
Trivandrum
Vilinjam
Kovalam
Puvar

Scale 1:1 700 000 1 cm = 17 kms

AGRICULTURE

Note:

* *Area covered by completed irrigation projects and projects nearing completion.*

1. *The colour scheme on the map indicates the major crop of each district (based on a comparison of the tonnages produced of the different crops in each district).*
2. *The colours used for each major crop appear in a darker and lighter shade. Those districts marked in the darker shade are major producers of the particular crop, while the districts marked in lighter shades produce comparatively less of the same crop, even though the crop is the major crop in that district.*
3. *The crop symbols overlaid show other important crops grown in each TALUK of the state.*

Irrigated Area*

Peechi — Name of Irrigation Projects

Rice
Oil Seeds
Other Crops

Rice
Arecanut
Betel Leaf
Cashewnut
Coffee
Rubber
Spices and Condiments
Sugarcane
Tapioca
Tea
Tobacco
Coconut
Groundnut

CROP DATA:

SPICES AND CONDIMENTS: GINGER: *Kozhikode Taluk (Kozhikode Dt.), Muvattupuzha (Ernakulam), Kottayam (Kottayam), Ottapalam (Palghat).* PEPPER: *Chirayinkil, Nedumangad, Neyyattinkara Taluks (Trivandrum Dt.), Hosdrug, Taliparramba, Cannanore, Tellicherry (Cannanore), Chengannur (Alleppey), Kozhikode (Kozhikode), Perintalmanna (Mallapuram), Pathanapuram (Quilon), Cochin, Parur, Muvatupuzha, (Ernakulam), Kottayam, Chenganacherry, Meenachil, Kanjirappally (Kottayam), Ottapalam (Palghat).*

OILSEEDS: COCONUT: *Ernakulam, Kozhikode and Trichur Districts.*

OTHER CROPS: TAPIOCA: *Alleppey, Cannanore, Idukki, Kottayam, Quilon, Trivandram Districts.*

INDUSTRIES & MARKETS

A Class Market
B Class Market

Major Industrial Centres
Other Industrial Centres

Beverage and Tobacco products
Chemical products and Pharmaceuticals
Food products
Leather, Rubber and Plastic products
Textile Industry
Wood products
Electrical machinery
Metal products
Non-electrical machinery
Non-metallic products
Paper products
Transport equipment

Note:

District-wise market potential has been estimated on the basis of the following indicators: Area, Number of households, Population, Population growth rate, Sex ratio, Density of population, Male literacy, Female literacy, Urbanisation, Workforce, Number of traders, Bank offices/100,000 population, Per capita bank credit to agriculture, Per capita bank credit to industries, Total cropped area, Production of major crops, Number of motor vehicles, Post offices/100,000 population, Circulation of newspapers, Cinema houses/100,000 population, Number of radio sets, T.V. sets.

Scale 1:2 500 000 1 cm = 25 kms

Scale 1:1 700 000 1 cm = 17 kms

A MINERALS

KASARAGOD
CANNANORE
MAHE (PONDICHERRY)
KARNATAKA
WAYANAD
KOZHIKODE
MALAPPURAM
TAMIL NADU
I N D I A
PALGHAT
Lakshadweep Sea
K E R A L A
TRICHUR
ERNAKULAM
IDUKKI
KOTTAYAM
PATHANAMTHITTA
ALLEPPEY
QUILON
TRIVANDRUM

- ▲ Copper
- ■ Glass Sands
- ★ Graphite
- ◉ Iron Ore
- ◉ Kaolin
- ● Lignite
- ♦ Limestone
- ★ Mica
- ♣ Monazite
- ○ Titanium (Ilmenite)

B ECONOMIC DEVELOPMENT

Note:
The levels of economic development are based on the following indicators: Per capita value of output of major crops, Per capita bank credit to agriculture, Number of mining and factory workers per 100,000 population, Number of households of manufacturing workers per 100,000 population, Per capita bank credit for manufacturing sector, Per capita bank deposits, Per capita bank credit to services, Literacy and Urbanisation.

Kasaragod
Cannanore
MAHE (PONDICHERRY)
KARNATAKA
WAYANAD
KOZHIKODE
Malappuram
TAMIL NADU
I N D I A
PALGHAT
Lakshadweep Sea
K E R A L A
Trichur
ERNAKULAM
IDUKKI
KOTTAYAM
Alleppey
PATHANAMTHITTA
QUILON
Trivandrum

ESTIMATED INDEX OF LEVELS OF ECONOMIC DEVELOPMENT – 1989

AVERAGE	
All India 100 → State 91 →	150–200
	100–150
	75–100
	50–75
	0–25

PALGHAT – Other Districts
Trichur – Notified Backward Districts

C MASS COMMUNICATION

CITIES WITH 100 OR MORE PERIODICALS — 1985
(language-wise)

City	English	Hindi	Malayalam	Others	Total
Cochin	22	1	123	45	191
Kottayam	11	—	116	24	151
Trivandrum	30	1	175	49	255

N.A.
Kasaragod
Cannanore
MAHE (PONDICHERRY)
KARNATAKA
Kozhikode
N.A.
Malappuram
TAMIL NADU
I N D I A
Palghat
Lakshadweep Sea
K E R A L A
Trichur
Cochin
Alleppey
Trivandrum

ESTIMATED POPULATION COVERED BY T.V. CENTRE – 1986 (in million)

- 10–15
- 1–5
- 0.5–1

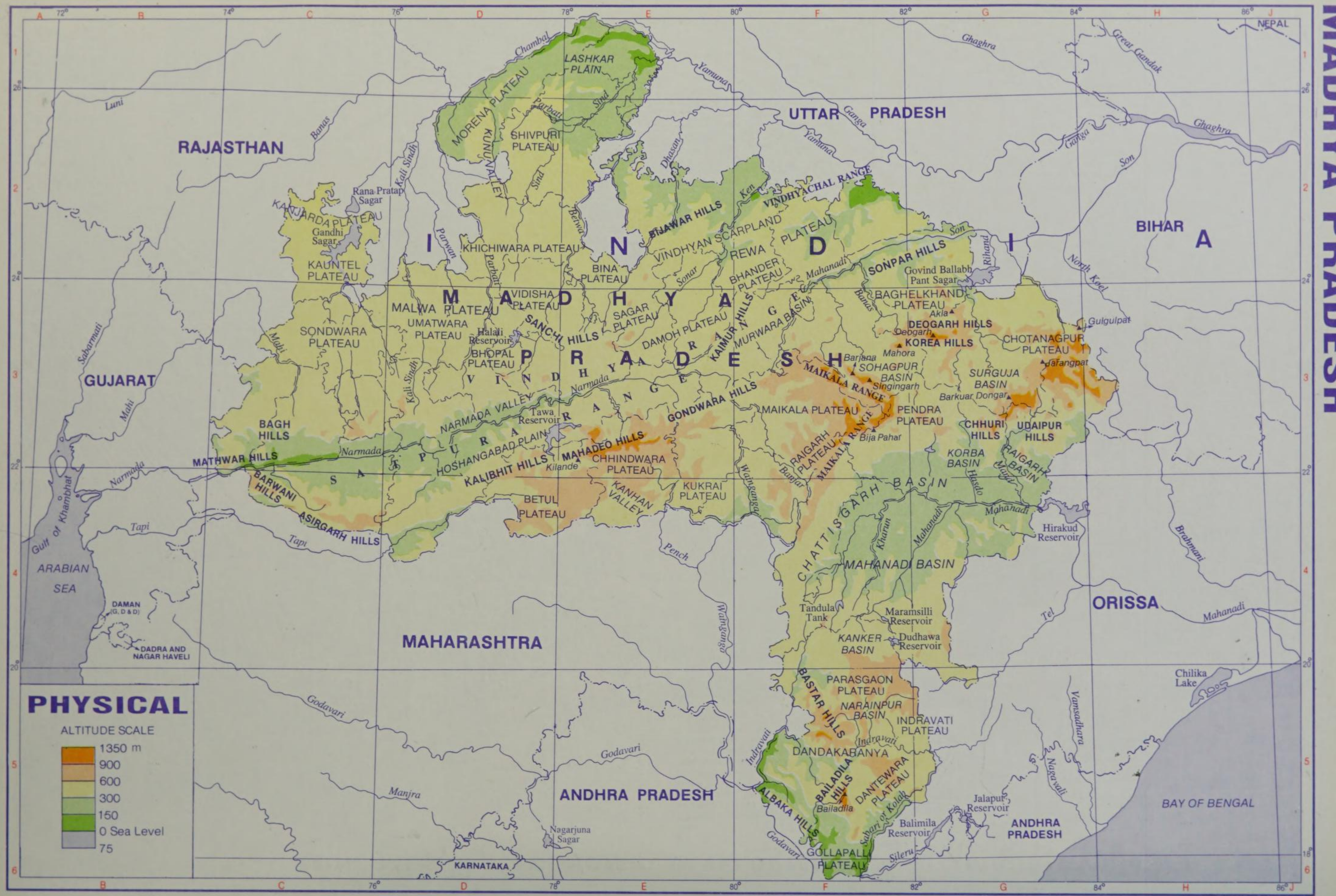
- ● T.V. & Radio Centre
- ● T.V. Centre
- ★ Radio Centre

Station → Shade indicates population covered by T.V. Centre
Range 1000 sq. kms.

N
W Station E
S
Furthest distance covered by Radio in 1984 (N.E.W.S.) in km.
Scale 1 cm. = 28 kms.

Scale 1:2 800 000 1 cm = 28 kms

MADHYA PRADESH



PHYSICAL

ALTITUDE SCALE

1350 m
900
600
300
150
0 Sea Level
75

Scale 1:4 600 000 1 cm = 46 kms

ADMINISTRATION

- State Boundary
- District Boundary
- Taluk Boundary
- State Capital
- District Headquarters
- Taluk Headquarters

Note:
Most taluks take their names from their headquarters. Where headquarters and taluks have the same names, only the headquarters have been located on the map. Where their names are different, the taluk's name is placed below the headquarters' location in brackets.

Scale 1:4 600 000 1 cm = 46 kms

77

POPULATION

ESTIMATED RURAL POPULATION DENSITY — 1989
(Persons/sq km, District-wise)

- 201—300
- 151—200
- 101—150
- 51—100
- 1—50

Note:
The population symbols also indicate the location of the respective towns/villages.

ESTIMATED TOWN/VILLAGE POPULATION — 1989
(in thousands)

- ■ Above 1000
- ● 500—1000
- ▲ 250—500
- ♦ 100—250
- ★ 50—100
- □ 20—50
- ◎ 10—20

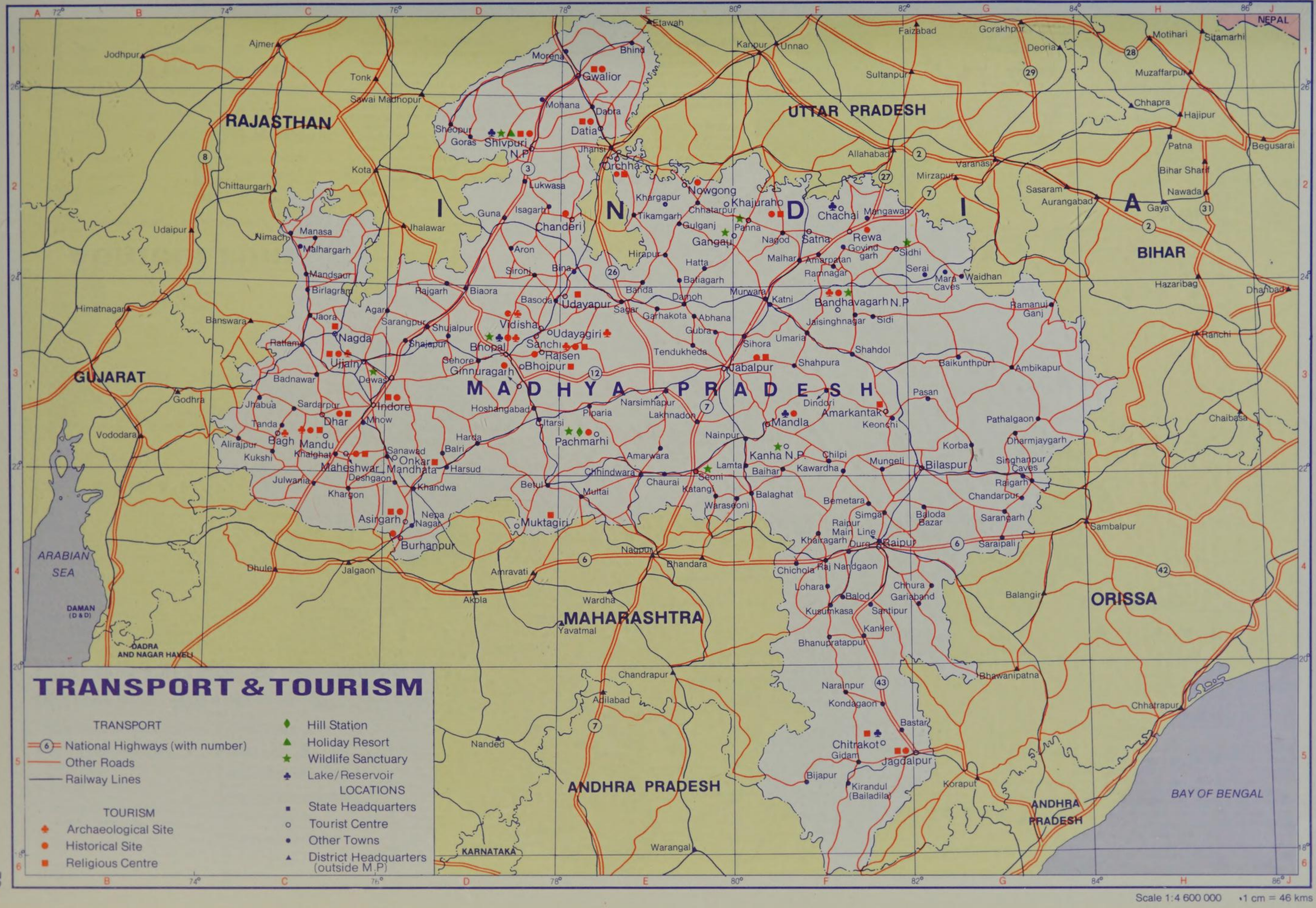
Guna — Town
Aron — Village

MAJOR CITIES — 1989

Towns with more than 250,000 population
(Estimated in thousands)

Indore	1,141
Bhopal	1,074
Jabalpur	1,010
Durg-Bhilai Nagar	882
Gwalior	729
Raipur	514
Ujjain	361
Sagar	264

Scale 1:4 600 000 1 cm = 46 kms



TRANSPORT & TOURISM

TRANSPORT

- National Highways (with number)
- Other Roads
- Railway Lines

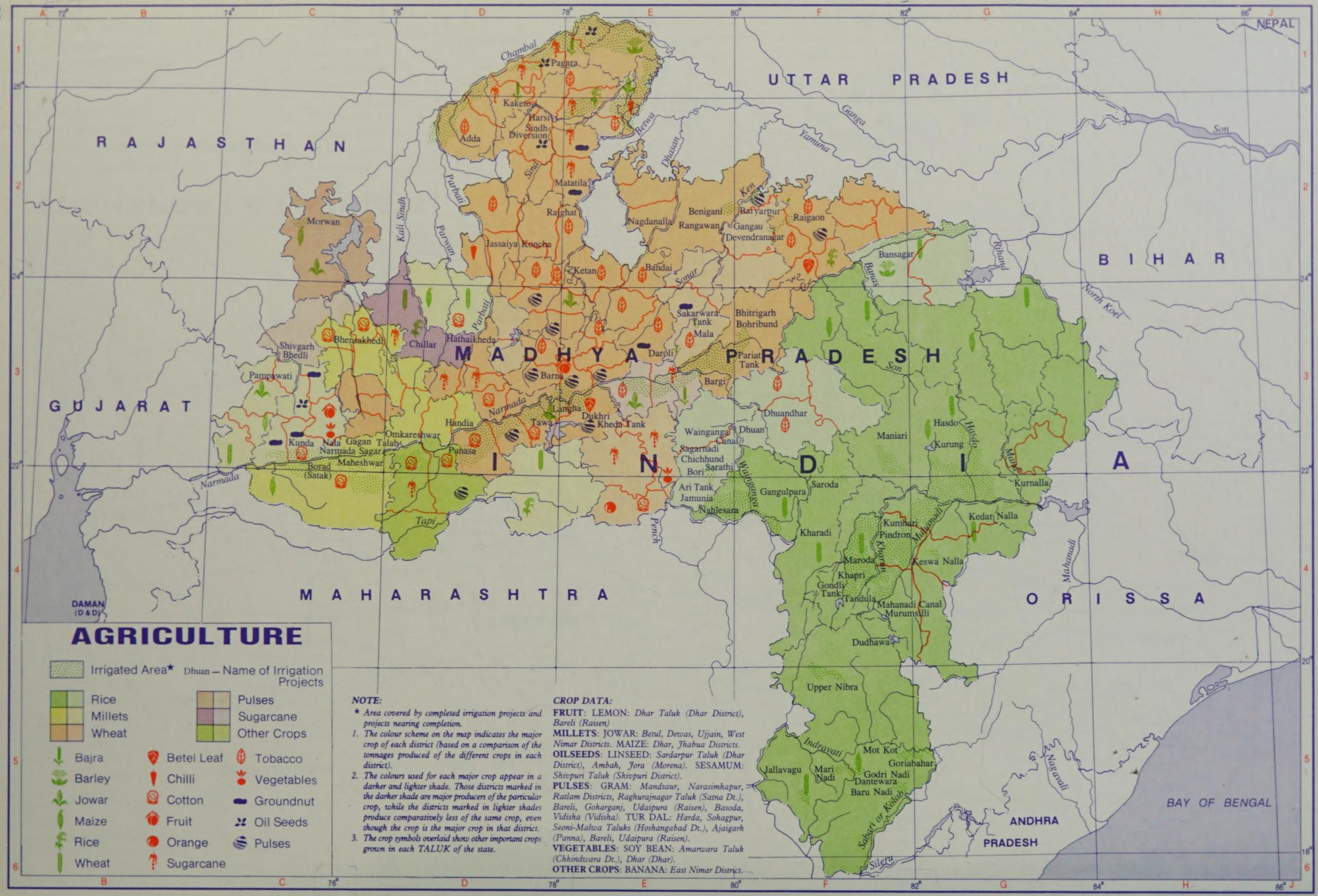
TOURISM

- Archaeological Site
- Historical Site
- Religious Centre
- Hill Station
- Holiday Resort
- Wildlife Sanctuary
- Lake/Reservoir

LOCATIONS

- State Headquarters
- Tourist Centre
- Other Towns
- District Headquarters (outside M.P)

Scale 1:4 600 000 •1 cm = 46 kms



AGRICULTURE

Irrigated Area★ Dhuan – Name of Irrigation Projects

Rice
Millets
Wheat
Pulses
Sugarcane
Other Crops

Bajra
Barley
Jowar
Maize
Rice
Wheat
Betel Leaf
Chilli
Cotton
Fruit
Orange
Sugarcane
Tobacco
Vegetables
Groundnut
Oil Seeds
Pulses

NOTE:

★ *Area covered by completed irrigation projects and projects nearing completion.*

1. *The colour scheme on the map indicates the major crop of each district (based on a comparison of the tonnages produced of the different crops in each district).*
2. *The colours used for each major crop appear in a darker and lighter shade. Those districts marked in the darker shade are major producers of the particular crop, while the districts marked in lighter shades produce comparatively less of the same crop, even though the crop is the major crop in that district.*
3. *The crop symbols overlaid show other important crops grown in each TALUK of the state.*

CROP DATA:

FRUIT: LEMON: *Dhar Taluk (Dhar District), Bareli (Raisen)*
MILLETS: JOWAR: *Betul, Dewas, Ujjain, West Nimar Districts.* MAIZE: *Dhar, Jhabua Districts.*
OILSEEDS: LINSEED: *Sardarpur Taluk (Dhar District), Ambah, Jora (Morena).* SESAMUM: *Shivpuri Taluk (Shivpuri District).*
PULSES: GRAM: *Mandsaur, Narasimhapur, Ratlam Districts, Raghurajnagar Taluk (Satna Dt.), Bareli, Goharganj, Udaipura (Raisen), Basoda, Vidisha (Vidisha).* TUR DAL: *Harda, Sohagpur, Seoni-Malwa Taluks (Hoshangabad Dt.), Ajaigarh (Panna), Bareli, Udaipura (Raisen).*
VEGETABLES: SOY BEAN: *Amarwara Taluk (Chhindwara Dt.), Dhar (Dhar).*
OTHER CROPS: BANANA: *East Nimar District.*

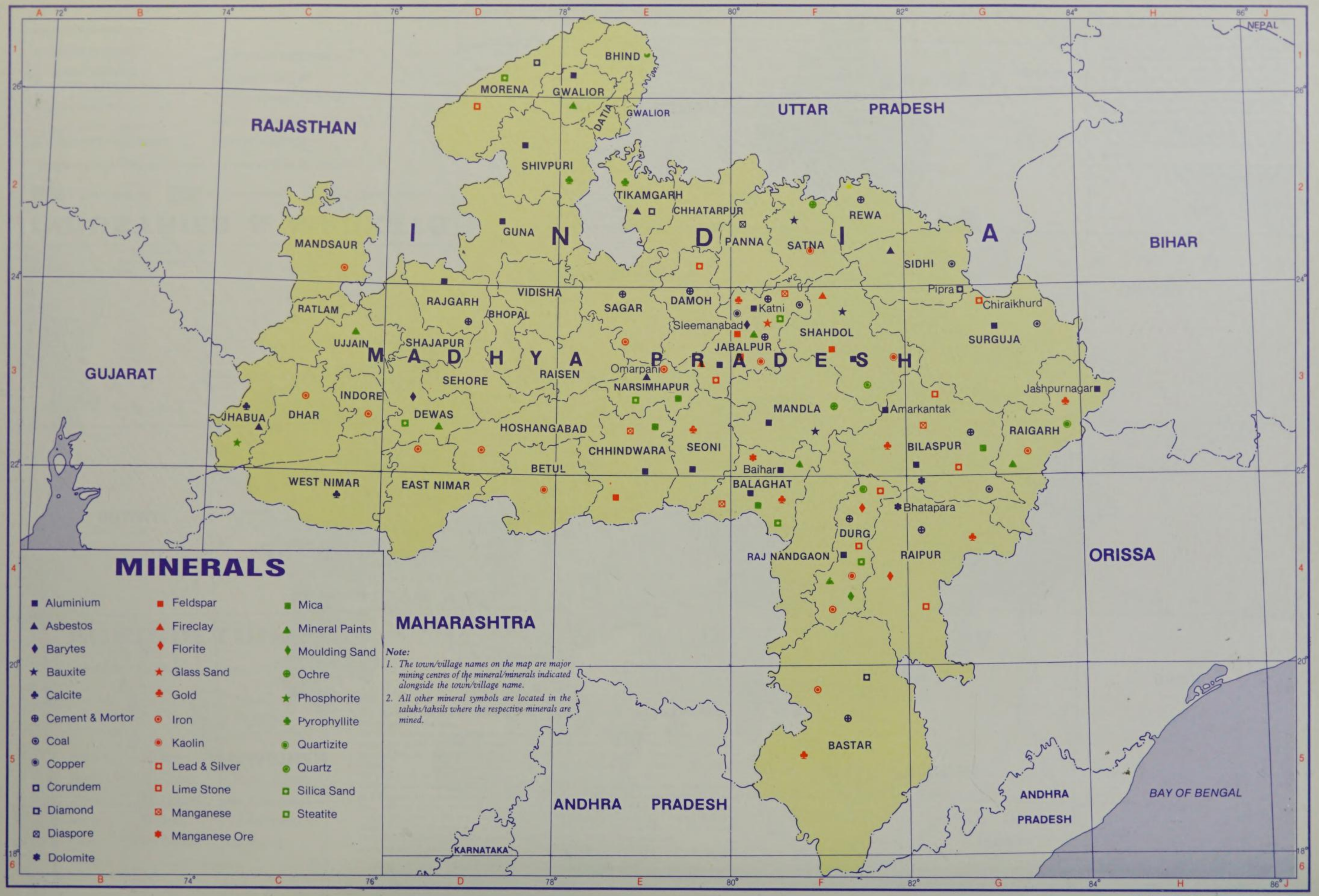
Scale 1:4 600 000 1 cm = 46 kms

INDUSTRIES & MARKETS

- A Class Market
- B Class Market
- C Class Market
- Major Industrial Centres
- Other Industrial Centres
- Chemical products and Pharmaceuticals
- Food products
- Leather, Rubber and Plastic products
- Textile Industry
- Electrical machinery
- Metal products
- Non-electrical machinery
- Non-metallic products
- Paper products
- Transport equipment

Note:
District-wise market potential has been estimated on the basis of the following indicators: Area, Number of households, Population, Population growth rate, Sex ratio, Density of population, Male literacy, Female literacy, Urbanisation, Workforce, Number of traders, Bank offices/100,000 population, Per capita bank credit to agriculture, Per capita bank credit to industries, Total cropped area, Production of major crops, Number of motor vehicles, Post offices/100,000 population, Circulation of newspapers, Cinema houses/100,000 population, Number of radio sets, T.V. sets.

Scale 1:4 600 000 1 cm = 46 kms



MINERALS

- Aluminium
- Asbestos
- Barytes
- Bauxite
- Calcite
- Cement & Mortor
- Coal
- Copper
- Corundem
- Diamond
- Diaspore
- Dolomite
- Feldspar
- Fireclay
- Florite
- Glass Sand
- Gold
- Iron
- Kaolin
- Lead & Silver
- Lime Stone
- Manganese
- Manganese Ore
- Mica
- Mineral Paints
- Moulding Sand
- Ochre
- Phosphorite
- Pyrophyllite
- Quartizite
- Quartz
- Silica Sand
- Steatite

Note:

1. *The town/village names on the map are major mining centres of the mineral/minerals indicated alongside the town/village name.*
2. *All other mineral symbols are located in the taluks/tahsils where the respective minerals are mined.*

Scale 1:4 600 000 1 cm = 46 kms

A

B

RAJASTHAN
UTTAR PRADESH
BIHAR
GUJARAT
MADHYA PRADESH
MAHARASHTRA
ORISSA
ANDHRA PRADESH
ARABIAN SEA
BAY OF BENGAL

Morena
Bhind
GWALIOR
Shivpuri
Tikamgarh
Chhatarpur
Guna
Mandsaur
Rajgarh
Vidisha
Sagar
Damoh
Panna
SATNA
Rewa
Sidhi
Ratlam
UJJAIN
Shajapur
BHOPAL
Raisen
JABALPUR
SHAHDOL
Surguja
Jhabua
Dhar
INDORE
Sehore
Dewas
Narsimhapur
Mandla
Hoshangabad
Seoni
Bilaspur
Raigarh
West Nimar
EAST NIMAR
Betul
Chhindwara
Balaghat
Raj Nandgaon
DURG
Raipur
Bastar

ECONOMIC DEVELOPMENT

ESTIMATED INDEX OF LEVELS OF ECONOMIC DEVELOPMENT — 1989

AVERAGE

	Over 200
	150—200
	100—150
All India 100 →	75—100
State 73 →	50—75
	25—50
	0—25

INDORE — Other Districts

Guna — Notified Backward Districts

Note:
The levels of economic development are based on the following indicators: Per capita value of output of major crops, Per capita bank credit to agriculture, Number of mining and factory workers per 100,000 population, Number of households of manufacturing workers per 100,000 population, Per capita bank credit for manufacturing sector, Per capita bank deposits, Per capita bank credit to services, Literacy and Urbanisation.

MASS COMMUNICATION

CITIES WITH 100 OR MORE PERIODICALS — 1985
(language-wise)

City	English	Hindi	Others	Total
Bhopal	12	162	36	210
Indore	3	125	12	140

Gwalior
Chhatarpur
Rewa
Singrauli
Guna
Sagar
Damoh
Murwara
Shahdol
Jabalpur
Ratlam
Bhopal
Indore
Ambikapur
Korba
Bilaspur
Khandwa
Burhanpur
Raipur
Jagadalpur

ESTIMATED POPULATION COVERED BY T.V. CENTRE — 1986 (in million)

	5—10
	1—5
	0.5—1
	0—0.5

● T.V. & Radio Centre
● T.V. Centre
★ Radio Centre

Station
Range
2000 sq. kms.

→ Shade indicates population covered by T.V. Centre

N
W — Station — E
S

→ Furthest distance covered by Radio in 1984 (N.E.W.S.) in km.

Scale 1 cm. = 63 kms.

Scale 1:6 300 000 1 cm = 63 kms

MAHARASHTRA

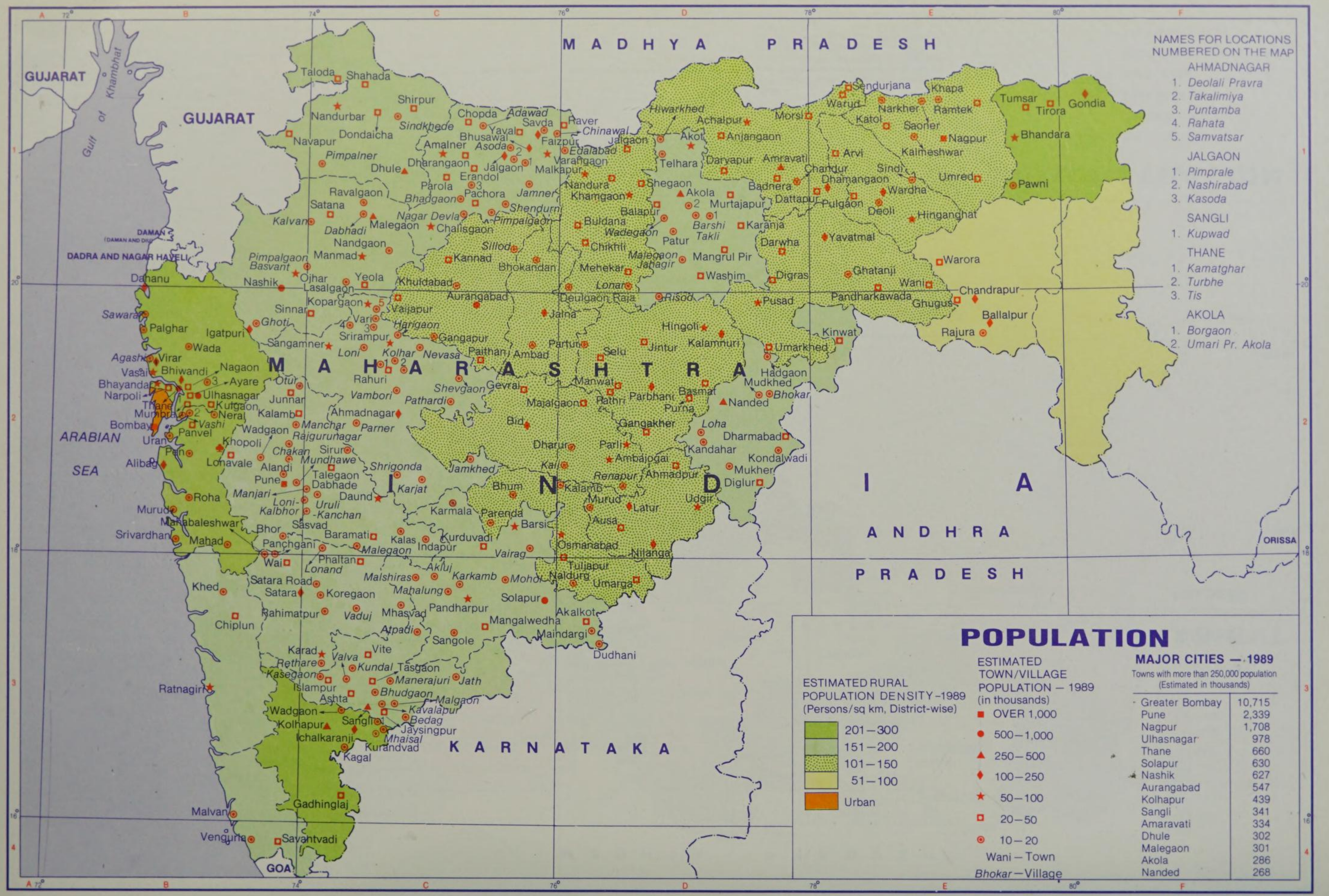
PHYSICAL

ALTITUDE SCALE

1800 m
1350
900
600
300
150
0 Sea level
75
300

Scale 1:3 500 000 .1 cm = 35 kms

MADHYA PRADESH
GUJARAT
Gulf of Khambhat
DAMAN (DAMAN AND DIU)
DADRA AND NAGAR HAVELI
ARABIAN SEA
BOMBAY
MAHARASHTRA
KARNATAKA
ANDHRA PRADESH
ORISSA
INDIA
DHULE
JALGAON
NASHIK
AURANGABAD
BULDANA
AKOLA
AMRAVATI
WARDHA
NAGPUR
BHANDARA
YAVATMAL
CHANDRAPUR
GARHCHIROLI
JALNA
PARBHANI
AHMADNAGAR
BID
LATUR
NANDED
OSMANABAD
SOLAPUR
SATARA
SANGLI
KOLHAPUR
RATNAGIRI
SINDHUDURG
THANE
RAIGAD
PUNE
GOA
Akrani
Akkalkuwa
Taloda
Shahada
Shirpur
Nandurbar
Navapur
Sindkheda
Sakri
Dhule
Chopda
Yawal
Raver
Amalner
Jalgaon
Erandol
Bhusawal
Parola
Jamner
Edlabad
Jalgaon
Malkapur
Bhadgaon
Pachora
Chalisgaon
Soygaon
Khamgaon
Buldana
Chikhli
Balapur
Akola
Murtajapur
Akot
Achalpur
Morsi
Daryapur
Amravati
Chandur
Melghat
Arvi
Wardha
Saoner
Katol
Nagpur
Ramtek
Umred
Gondia
Bhandara
Sakoli
Hinganghat
Bramhapuri
Warora
Chandrapur
Garhchiroli
Rajura
Yavatmal
Darwha
Pusad
Kinwat
Pandhar Kawada (KELAPUR)
Wani
Washim
Mangrul Pir
Mehekar
Jafferabad
Bhokardan
Sillod
Kannad
Khuldabad
Aurangabad
Vaijapur
Gangapur
Jalna
Ambad
Partur
Jintur
Hingoli
Kalamnuri
Basmat
Hadgaon
Pathri
Parbhani
Manjlegaon
Gangakher
Kandahar
Nanded
Bhokar
Biloli
Mukher
Diglur
Ahmadpur
Kallam
Latur
Udgir
Ausa
Nilanga
Barsi
Osmanabad
Tulzapur
Umarga
Madha
Bhum
Parenda
Karmala
Indapur
Baramati
Phaltan
Malsiras
Mohol
Pandharpur
Solapur
(SOLAPUR SOUTH)
Akalkot
Mangalvedha
Sangole
Atpadi
Khanapur
Tasgaon
Jath
Sangli
Miraj
Kavathe Mahankal
Shirala
Valva
Karad
Patan
Satara
Dahivadi (MAN)
Khatao
Koregaon
Jaoli
Wai
Mahabaleshwar
Khed
Dapoli
Mandangad
Poladpur
Mahad
Bhor
Khandala
Srivardhan
Murud
Mangaon
Roha
Sudhagad
Paud (MULSHI)
Pune
Haveli
Sasvad (PURANDHAR)
Daund
Karjat
Shrigonda
Jamkhed
Ashti
Patoda
Kaij
Ambajogai
Shirur
Parner
Ahmadnagar
Junnar
Shevgaon
Pathardi
Gevrai
Rahuri
Shrirampur
Nevasa
Paithan
Sangamner
Akola
Kopargaon
Sinnar
Igatpuri
Niphad
Yeola
Chandvad
Nandgaon
Dindori
Peint
Talasri
Nashik
Surgana
Kalwan
Baglan
Malegaon
Palghar
Dahanu
Jawhar
Mokhada
Vada
Vasai
Bhiwandi
Kalyan
Ulhasnagar
Murbad
Thane
Panvel
Uran
Karjat
Khalapur
Pen
Alibag
Wadgaon (MAWAL)
Khed
Welhe
Ghodegaon (AMBEGAON)
Shahapur
Sadhagad
Roha
Rajapur
Lanja
Ratnagiri
Sangameshwar
Devgarh
Malvan
Kankauli
Vaibhavwadi
Panhala
Hatkalangda
Kolhapur
Bavda
Kagal
Shirol
Radhanagari
Bhudargarh
Gadhinglaj
Ajra
Kudal
Chandgad
Vengurla
Savantvadi
Shahuwadi
Chiplun
Guhagar
Khed
Jaoli
Koregaon
Wai
Mahabaleshwar
Polad pur
Mandangad
Dapoli
Srivardhan
Mhasla
Murud
Mangaon
Roha
Sudhagad
Paud (MULSHI)
Haveli
Pune
Sasvad (PURANDHAR)
Daund
Karjat
Shrigonda
Jamkhed
Ashti
Patoda
Kaij
Ambajogai
Shirur
Parner
Ahmadnagar
Junnar
Shevgaon
Pathardi
Gevrai
Rahuri
Shrirampur
Nevasa
Paithan
Sangamner
Akola
Kopargaon
Sinnar
Igatpuri
Niphad
Yeola
Chandvad
Nandgaon
Dindori
Peint
Talasri
Nashik
Surgana
Kalwan
Baglan
Malegaon
Palghar
Dahanu
Jawhar
Mokhada
Vada
Vasai
Bhiwandi
Kalyan
Ulhasnagar
Murbad
Thane
Panvel
Uran
Karjat
Khalapur
Pen
Alibag
Wadgaon (MAWAL)
Khed
Welhe
Ghodegaon (AMBEGAON)
Shahapur
Sadhagad
Roha
Rajapur
Lanja
Ratnagiri
Sangameshwar
Devgarh
Malvan
Kankauli
Vaibhavwadi
Panhala
Hatkalangda
Kolhapur
Bavda
Kagal
Shirol
Radhanagari
Bhudargarh
Gadhinglaj
Ajra
Kudal
Chandgad
Vengurla
Savantvadi
Shahuwadi
Chiplun
Guhagar
Khed
Jaoli
Koregaon
Wai
Mahabaleshwar
Poladp



NAMES FOR LOCATIONS NUMBERED ON THE MAP

AHMADNAGAR
1. *Deolali Pravra*
2. *Takalimiya*
3. *Puntamba*
4. *Rahata*
5. *Samvatsar*

JALGAON
1. *Pimprale*
2. *Nashirabad*
3. *Kasoda*

SANGLI
1. *Kupwad*

THANE
1. *Kamatghar*
2. *Turbhe*
3. *Tis*

AKOLA
1. *Borgaon*
2. *Umari Pr. Akola*

POPULATION

ESTIMATED RURAL POPULATION DENSITY–1989 (Persons/sq km, District-wise)

- 201–300
- 151–200
- 101–150
- 51–100
- Urban

ESTIMATED TOWN/VILLAGE POPULATION – 1989 (in thousands)

- ■ OVER 1,000
- ● 500–1,000
- ▲ 250–500
- ♦ 100–250
- ★ 50–100
- □ 20–50
- ⊙ 10–20

Wani – Town

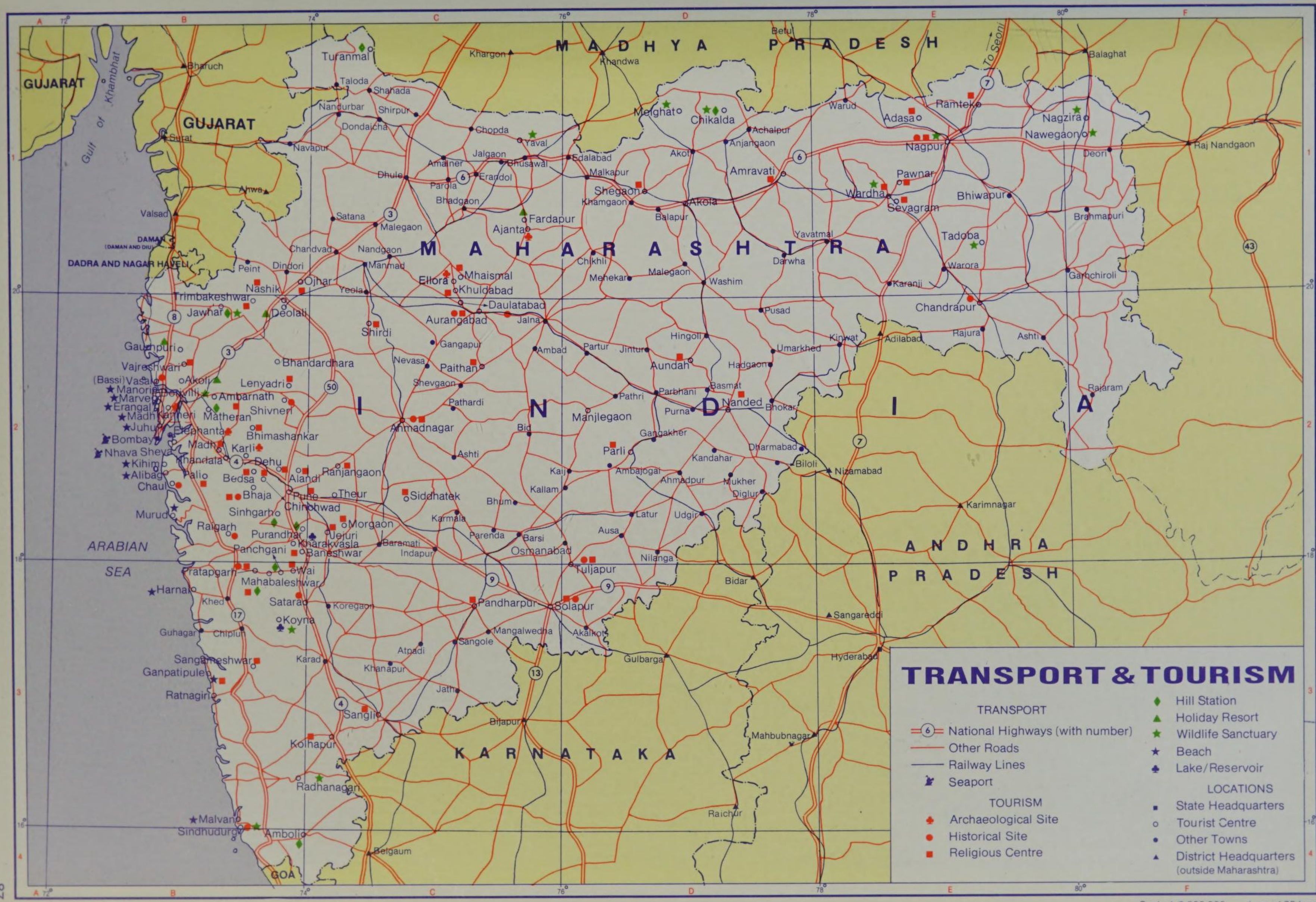
Bhokar – Village

MAJOR CITIES — 1989

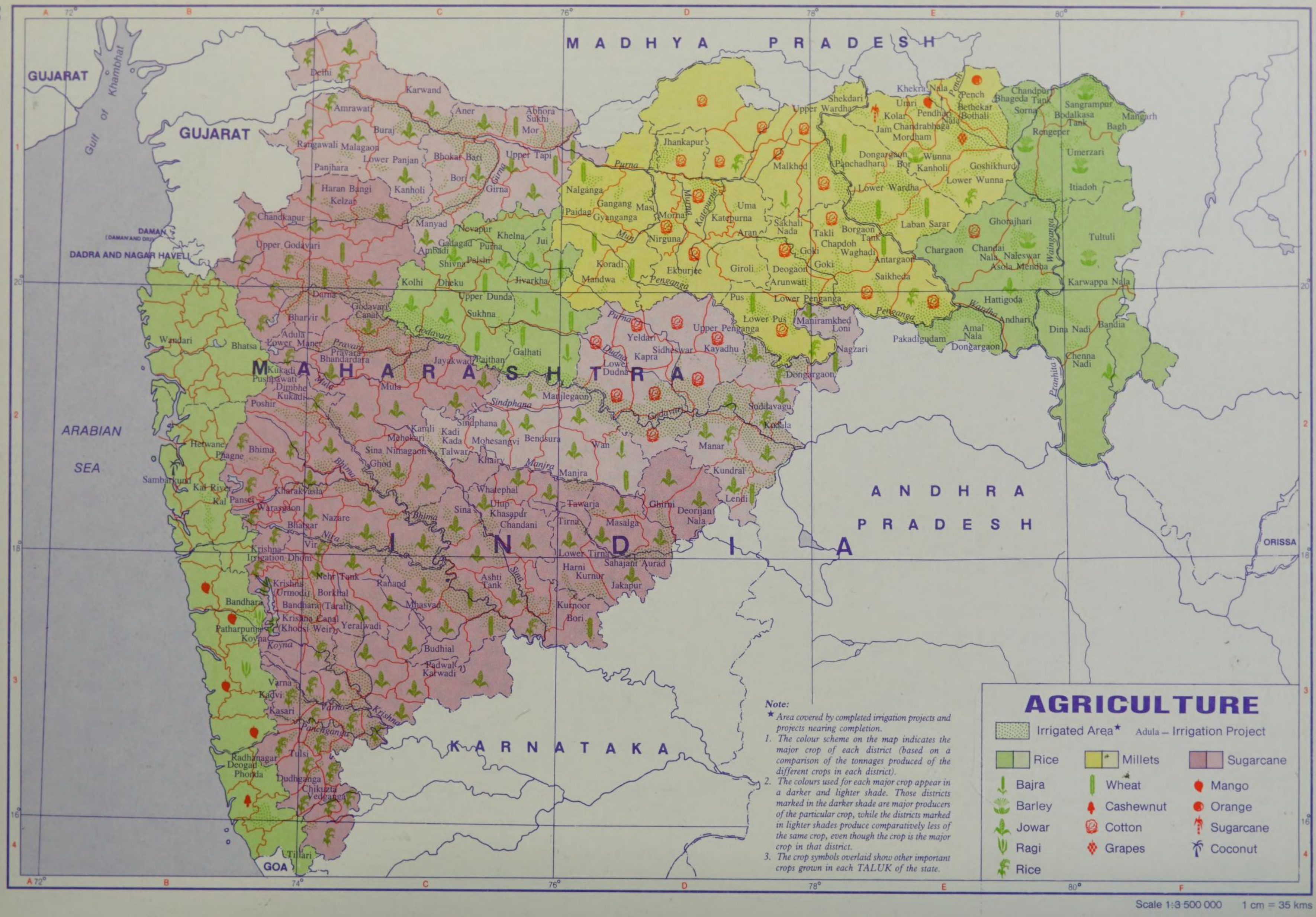
Towns with more than 250,000 population (Estimated in thousands)

Greater Bombay	10,715
Pune	2,339
Nagpur	1,708
Ulhasnagar	978
Thane	660
Solapur	630
Nashik	627
Aurangabad	547
Kolhapur	439
Sangli	341
Amaravati	334
Dhule	302
Malegaon	301
Akola	286
Nanded	268

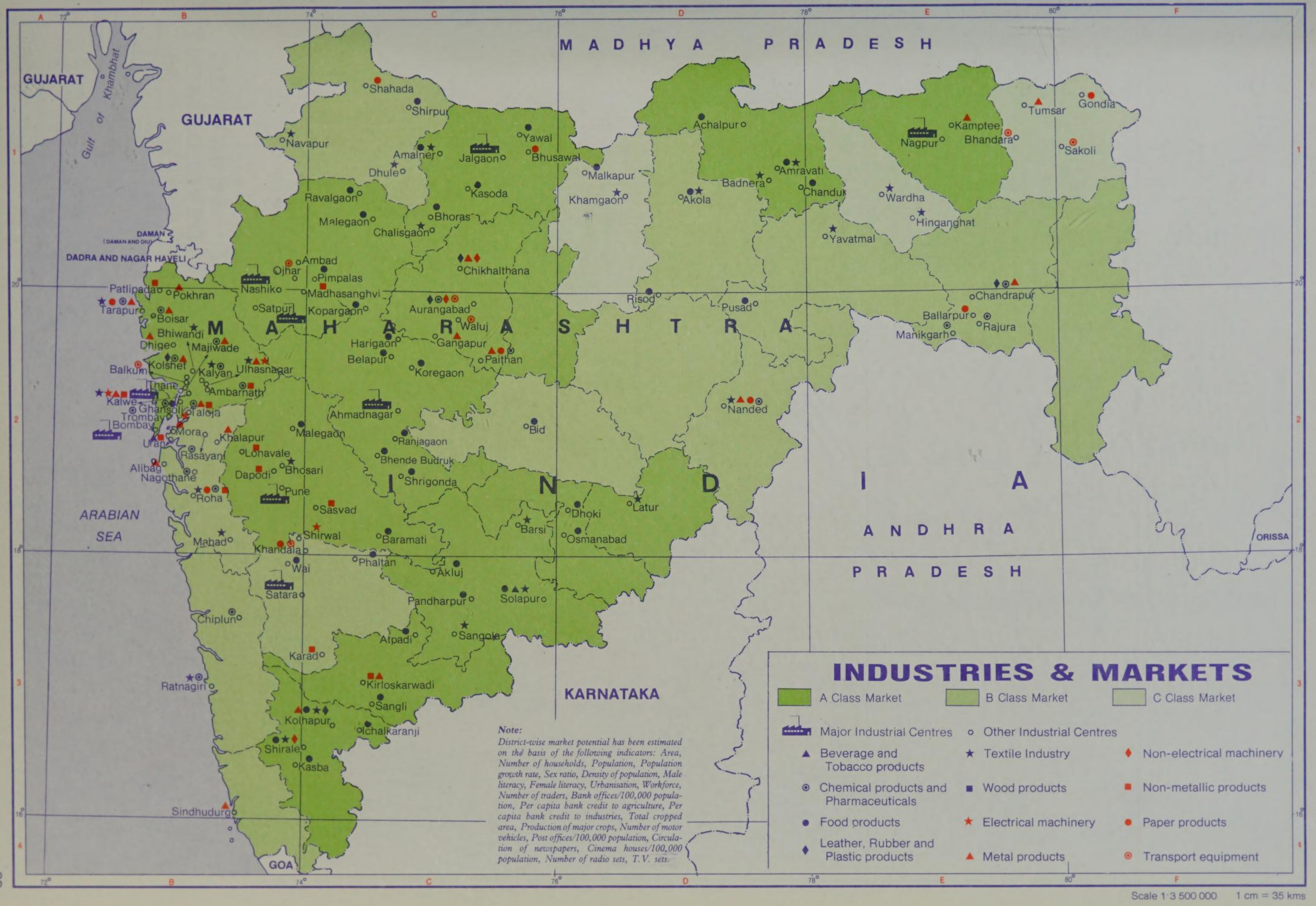
Scale 1:3 500 000 1 cm = 35 kms



Scale 1:3 500 000 1 cm = 35 kms



Scale 1:3 500 000 1 cm = 35 kms



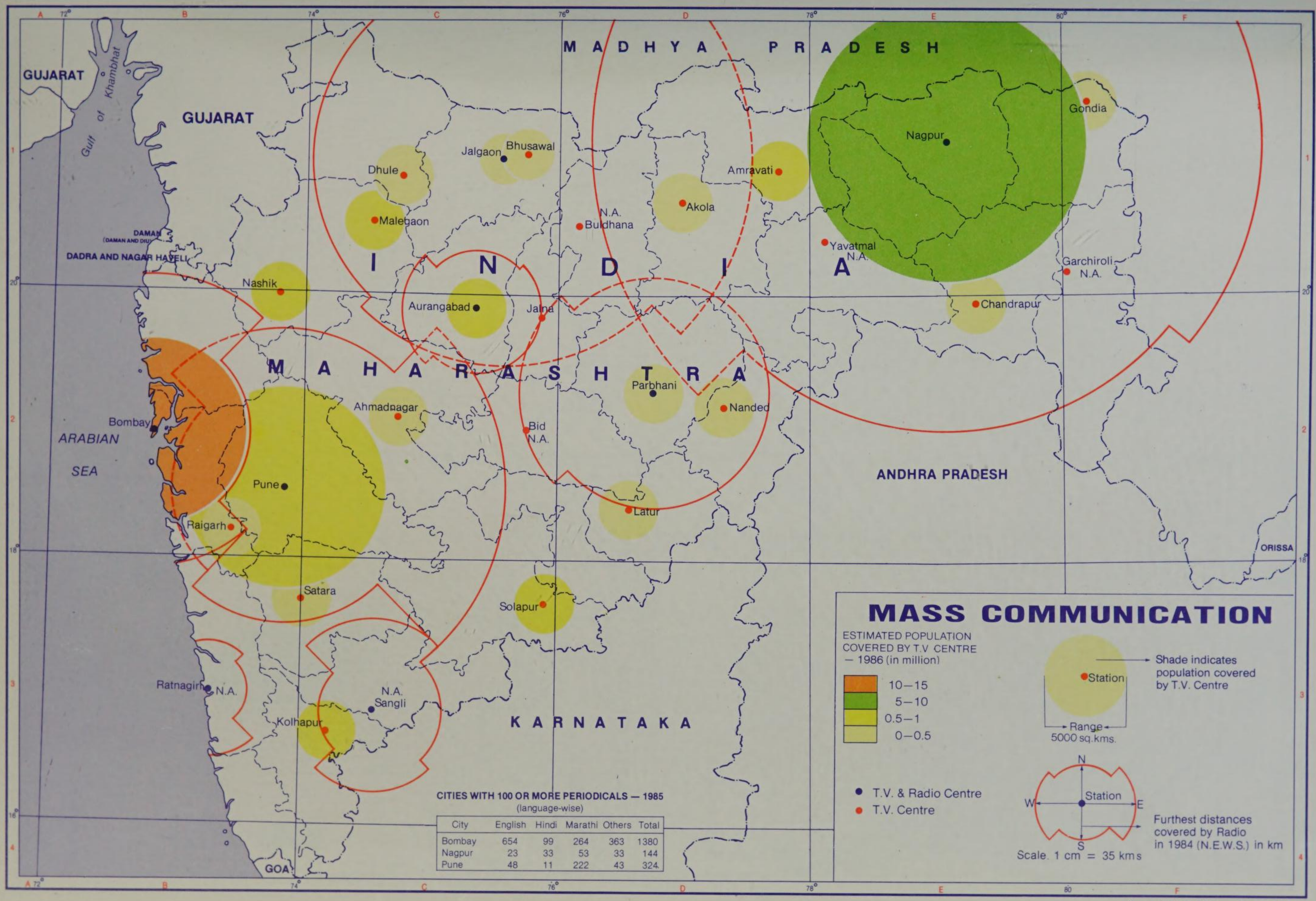
INDUSTRIES & MARKETS

- A Class Market
- B Class Market
- C Class Market
- Major Industrial Centres
- Other Industrial Centres
- ▲ Beverage and Tobacco products
- ★ Textile Industry
- ♦ Non-electrical machinery
- ⊙ Chemical products and Pharmaceuticals
- ■ Wood products
- ■ Non-metallic products
- ● Food products
- ★ Electrical machinery
- ● Paper products
- ♦ Leather, Rubber and Plastic products
- ▲ Metal products
- ⊙ Transport equipment

Note:
District-wise market potential has been estimated on the basis of the following indicators: Area, Number of households, Population, Population growth rate, Sex ratio, Density of population, Male literacy, Female literacy, Urbanisation, Workforce, Number of traders, Bank offices/100,000 population, Per capita bank credit to agriculture, Per capita bank credit to industries, Total cropped area, Production of major crops, Number of motor vehicles, Post offices/100,000 population, Circulation of newspapers, Cinema houses/100,000 population, Number of radio sets, T.V. sets.

Scale 1:3 500 000 1 cm = 35 kms

Scale 1:4 800 000 1 cm = 48 kms



MASS COMMUNICATION

ESTIMATED POPULATION COVERED BY T.V CENTRE — 1986 (in million)

- 10—15
- 5—10
- 0.5—1
- 0—0.5

Station → Shade indicates population covered by T.V. Centre

Range 5000 sq.kms.

- T.V. & Radio Centre
- T.V. Centre

N, W, Station, E, S

Furthest distances covered by Radio in 1984 (N.E.W.S.) in km

Scale. 1 cm = 35 kms

CITIES WITH 100 OR MORE PERIODICALS — 1985

(language-wise)

City	English	Hindi	Marathi	Others	Total
Bombay	654	99	264	363	1380
Nagpur	23	33	53	33	144
Pune	48	11	222	43	324

Scale 1:3 500 000 1 cm = 35 kms

MANIPUR

A PHYSICAL

3000 m
1800
1350
900
600
300
150
0 Sea Level

NAGALAND
ASSAM
MIZORAM
MYANMAR (BURMA)
I N D I A
Japvo
Laikot
Koubru
Siruhi Kashong
Barak
Makru
Irang
Iril
Thoubal
Loiching
Thangling
Tuivai
Imphal or Manipur
Lungpon Chin
Chindwin
HILLS
RANGE
MANIPUR
IMPHAL BASIN
LAIMATOL
LETHA

B ADMINISTRATION

International Boundary
State Boundary
District Boundary
State Capital
District Headquarters
Taluk Headquarters

NAGALAND
ASSAM
MIZORAM
MYANMAR (BURMA)
I N D I A
M A N I P U R
Tadubi (MAO MARAM)
Karong
SENAPATI
Chingai (UKHRUL NORTH)
Kangpokpi
Tousem (TAMENGLONG WEST)
Tamei (TAMENGLONG NORTH)
Saikul (SADAR HILLS EAST)
Ukhrul (UKHRUL CENTRAL)
Tamenglong
TAMENGLONG
UKHRUL
Kamjong Chassad
Phungyar (PHUNGYAR PHAISAT)
IMPHAL
Jiribam
Nungba
Kasom Khulion (UKHRUL SOUTH)
Bishnupur
Thoubal
BISHNUPUR
THOUBAL
Henglep (CHURACHANDPUR NORTH)
Tengnoupal
CHURACHANDPUR
Churachandpur
CHANDEL
Chandel
Thanlon
Parbung (TIPAIMUKH)
Singnghat
Chakpikarong

Note:
Most taluks take their names from their headquarters. Where headquarters and taluks have the same names, only the headquarters have been located on the map. Where their names are different, the taluk's name is placed below the headquarters' location in brackets.

C POPULATION

ESTIMATED RURAL POPULATION DENSITY – 1989 (Persons/sq km, District-wise)
301–500
51–100
1–50

ESTIMATED TOWN POPULATION – 1989 (in thousands)
20–50
10–20
Moreh – Town.

NAGALAND
ASSAM
MIZORAM
MYANMAR (BURMA)
I N D I A
M A N I P U R
Ukhrul
Samurou
Nambol
Lilong (Imphal West)
Lilong
Wangoi
Thoubal
Ningthoukhong
Mayang Imphal
Moirang
Kakching
Kumbi
Moreh
Churachandpur

Note:
The population symbols also indicate the location of the respective towns.

D TRANSPORT & TOURISM

TRANSPORT
National Highways (with number)
Other Roads

TOURISM
Historical Site
Religious Centre
Hill Station
Wildlife Sanctuary
Lake/Reservoir

LOCATIONS
State Headquarters
Tourist Centre
Other Towns

NAGALAND
ASSAM
MIZORAM
MYANMAR (BURMA)
I N D I A
M A N I P U R
Mao Songsang
Tamma
Ukhrul
Sagolmang
Kangchup
Kaina
Imphal
Bishnupur
Thanga
Moirang
Logtak
Keibul Lamjao
Palel
Mombi New
53
39

Scale 1:1 800 000 1 cm = 18 kms

AGRICULTURE

A

Rice

Irrigated Area ★

Singla — Name of Irrigation Projects

NOTE:

* *Area covered by completed irrigation projects and projects nearing completion.*

1. *The colour scheme on the map indicates the major crop of each district (based on a comparison of the tonnages produced of the different crops in each district).*
2. *The colours used for each major crop appear in a darker and lighter shade. Those districts marked in the darker shade are major producers of the particular crop, while the districts marked in lighter shades produce comparatively less of the same crop, even though the crop is the major crop in that district.*

NAGALAND

ASSAM

I N D I A

Barak

Irang

Iril

Lanye

Singla

Makru

Tuyungbi

Loktak

Thoubal

M A N I P U R

Barak

Tuivai

Imphal or Manipur

Tuivai

MYANMAR (BURMA)

MIZORAM

INDUSTRIES & MARKETS

B

C Class Market

● Food products

★ Textile Industry

● Paper products

■ Non-metallic products

Note:

District-wise market potential has been estimated on the basis of the following indicators: Area, Number of households, Population, Population growth rate, Sex ratio, Density of population, Male literacy, Female literacy, Urbanisation, Workforce, Number of traders, Bank offices/100,000 population, Per capita bank credit to agriculture, Per capita bank credit to industries, Total cropped area, Production of major crops, Number of motor vehicles, Post offices/100,000 population, Circulation of newspapers, Cinema houses/100,000 population, Number of radio sets, T.V. sets.

NAGALAND

Karong

ASSAM

I N D I A

Hundung

Loitang

Khunou

M A N I P U R

Imphal

Chandighat

Khangabok

MYANMAR (BURMA)

MIZORAM

ECONOMIC DEVELOPMENT

C

ESTIMATED INDEX OF LEVELS OF ECONOMIC DEVELOPMENT–1989

AVERAGE All India 100 →

State 18 →

75–100

50–75

25–50

0–25

IMPHAL – Other Districts

Ukhrul – Notified Backward Districts

NAGALAND

Senapati

I N D I A

Tamenglong

ASSAM

IMPHAL

Ukhrul

IMPHAL

M A N I P U R

THOUBAL

BISHNUPUR

Churachandpur

CHANDEL

MYANMAR (BURMA)

MIZORAM

Note:

The levels of economic development are based on the following indicators: Per capita value of output of major crops, Per capita bank credit to agriculture, Number of mining and factory workers per 100,000 population, Number of households of manufacturing workers per 100,000 population, Per capita bank credit for manufacturing sector, Per capita bank deposits, Per capita bank credit to services, Literacy and Urbanisation.

MASS COMMUNICATION

D

ESTIMATED POPULATION COVERED BY T.V. CENTRE – 1986 (in million)

0–0.5

● T.V. & Radio Centre

● T.V. Centre

Station ● Range 500sq. kms

→ Shade indicates population covered by T.V. Centre

N W Station E S — Furthest distance covered by Radio in 1984 (N.E.W.S.) in km.

Scale 1 cm. = 18 kms.

NAGALAND

Ukhrul

I N D I A

ASSAM

Imphal

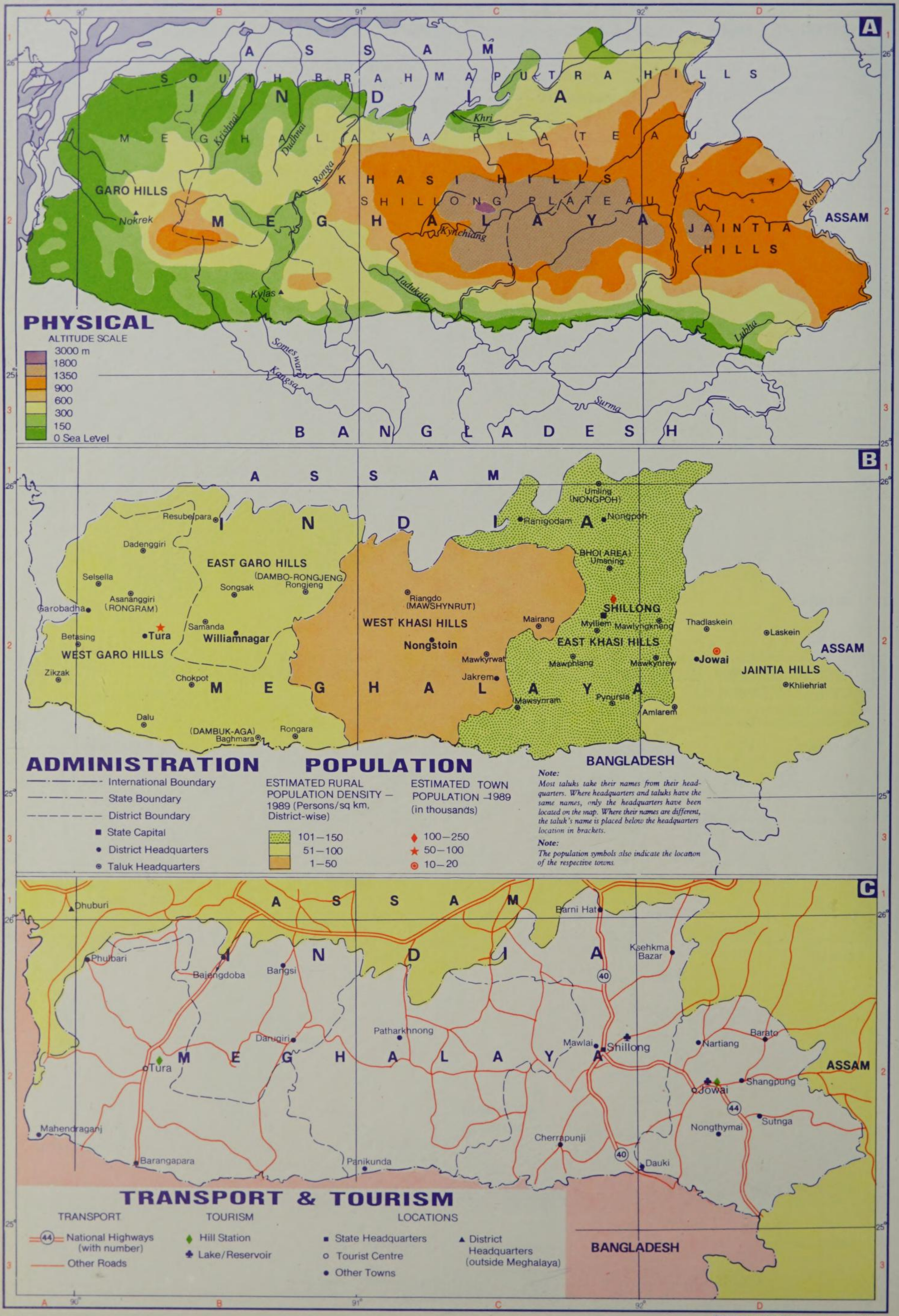
M A N I P U R

MYANMAR (BURMA)

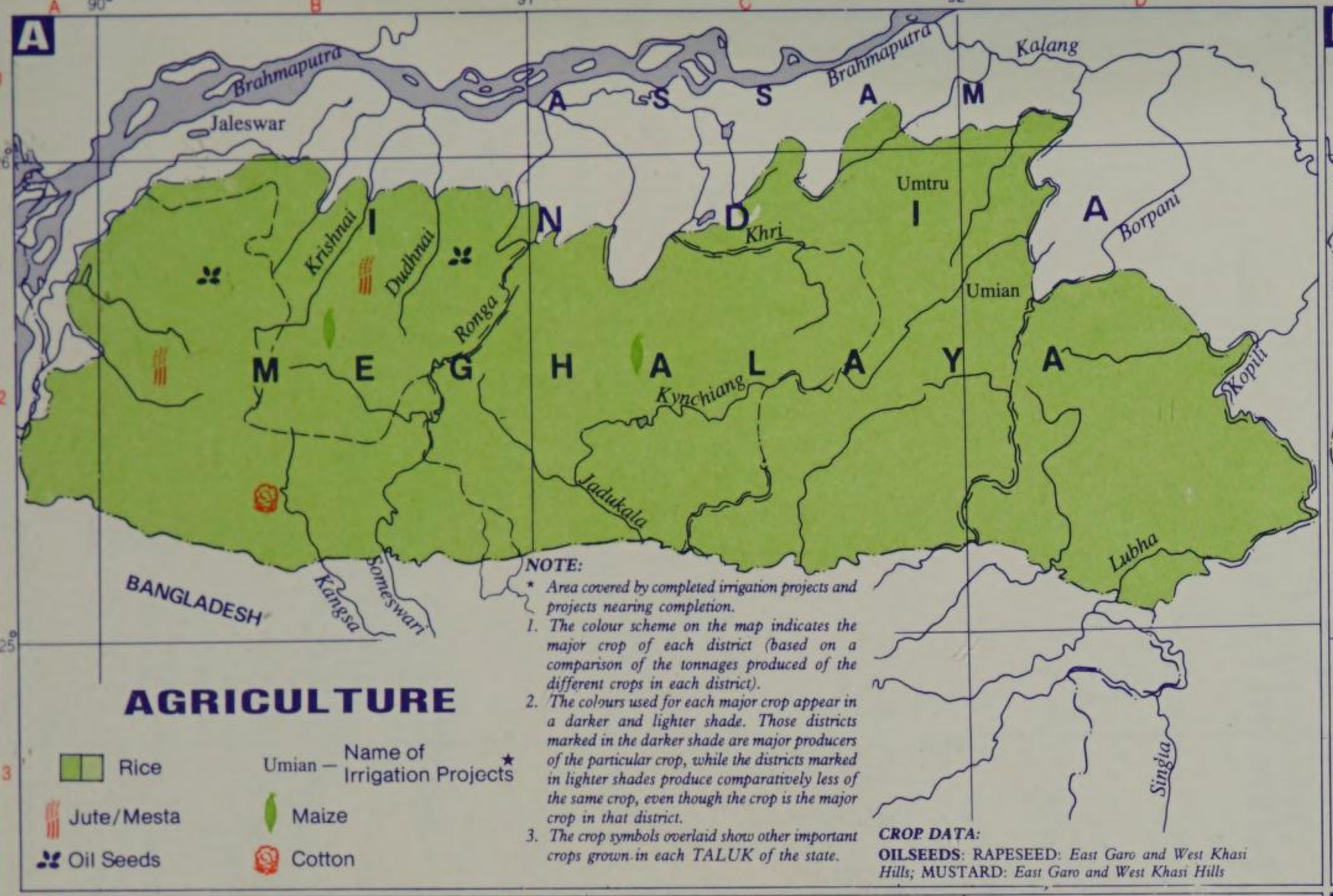
MIZORAM

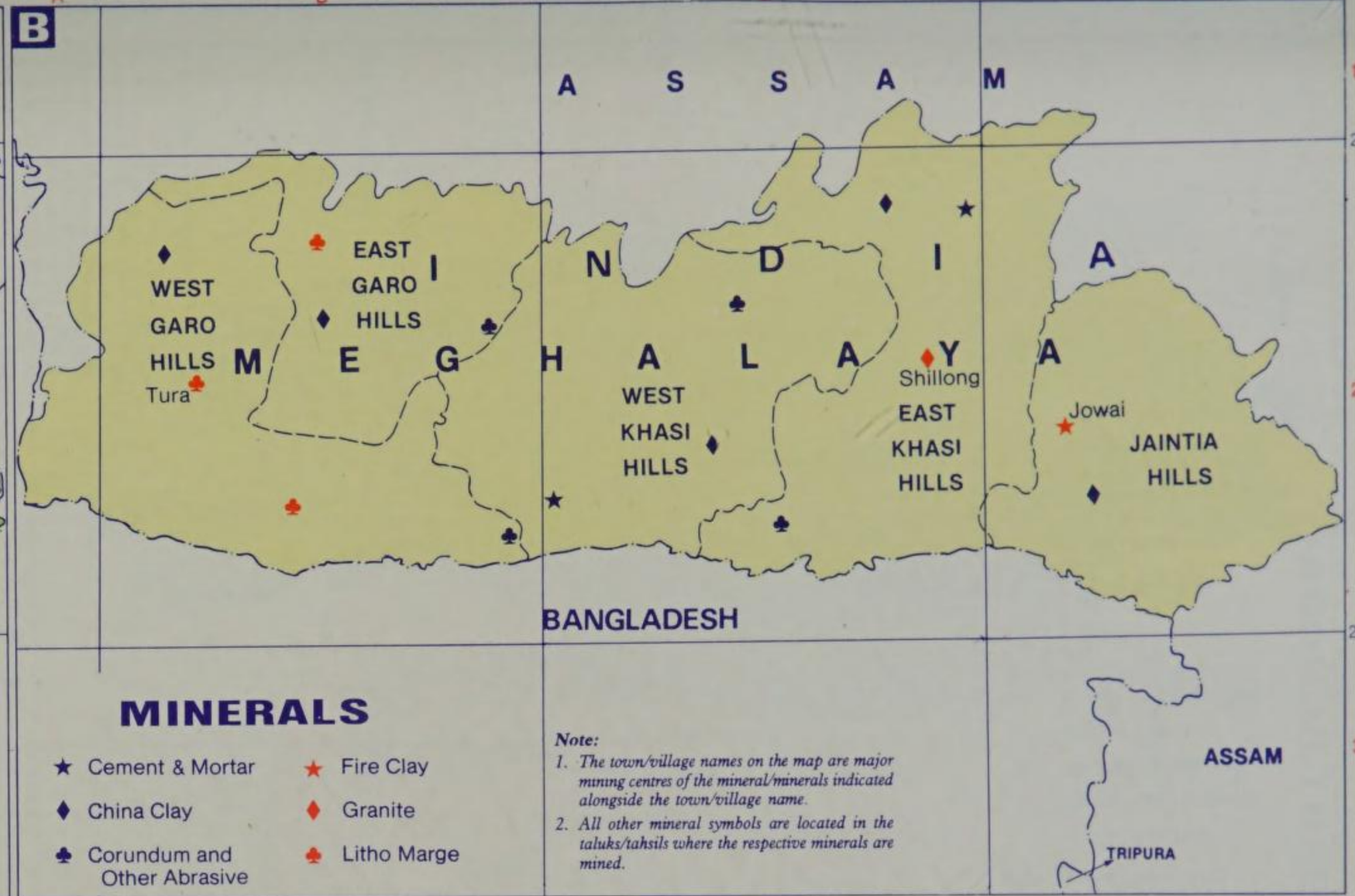
Scale 1:1 800 000 1 cm = 18 kms

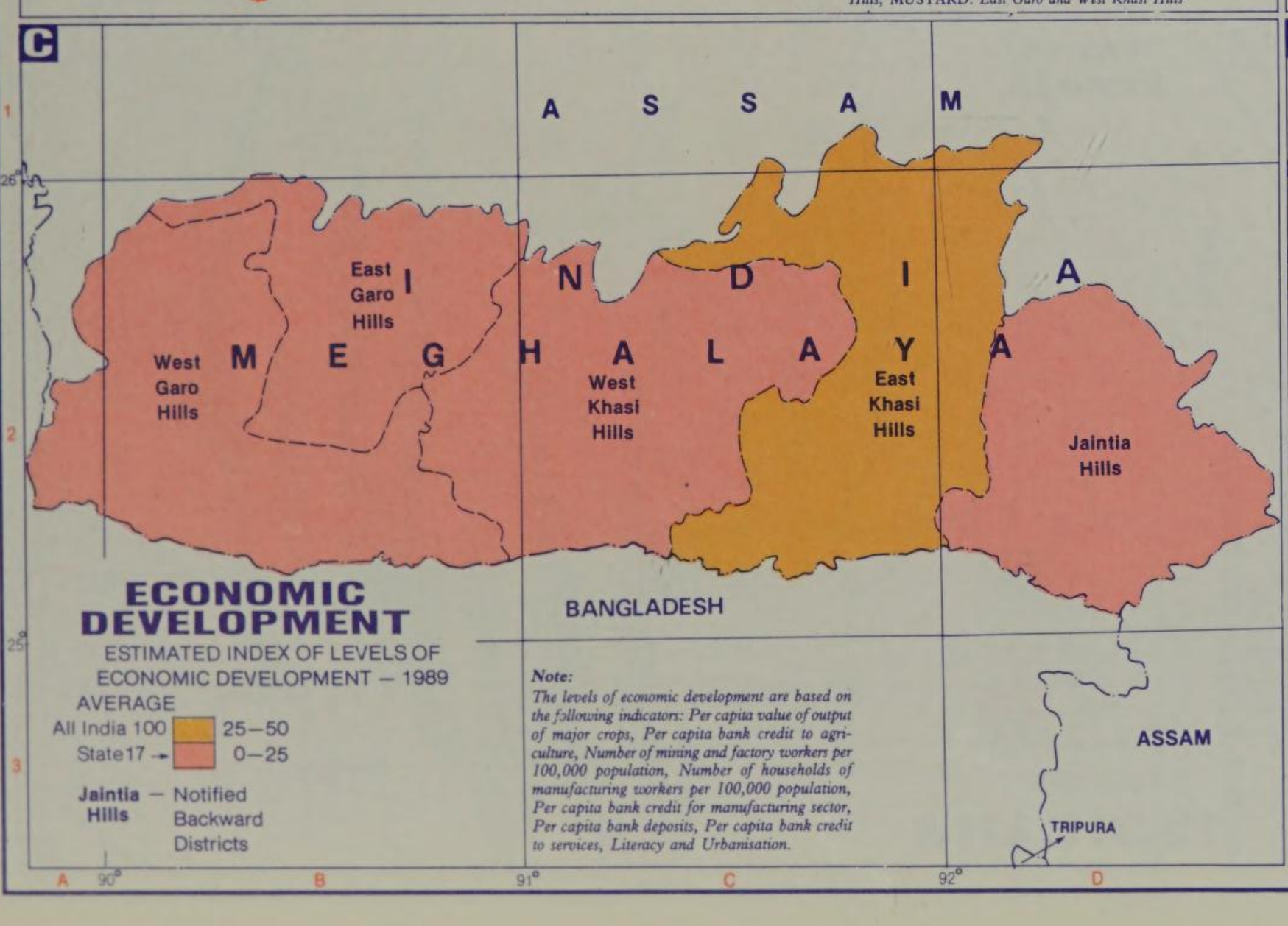
MEGHALAYA

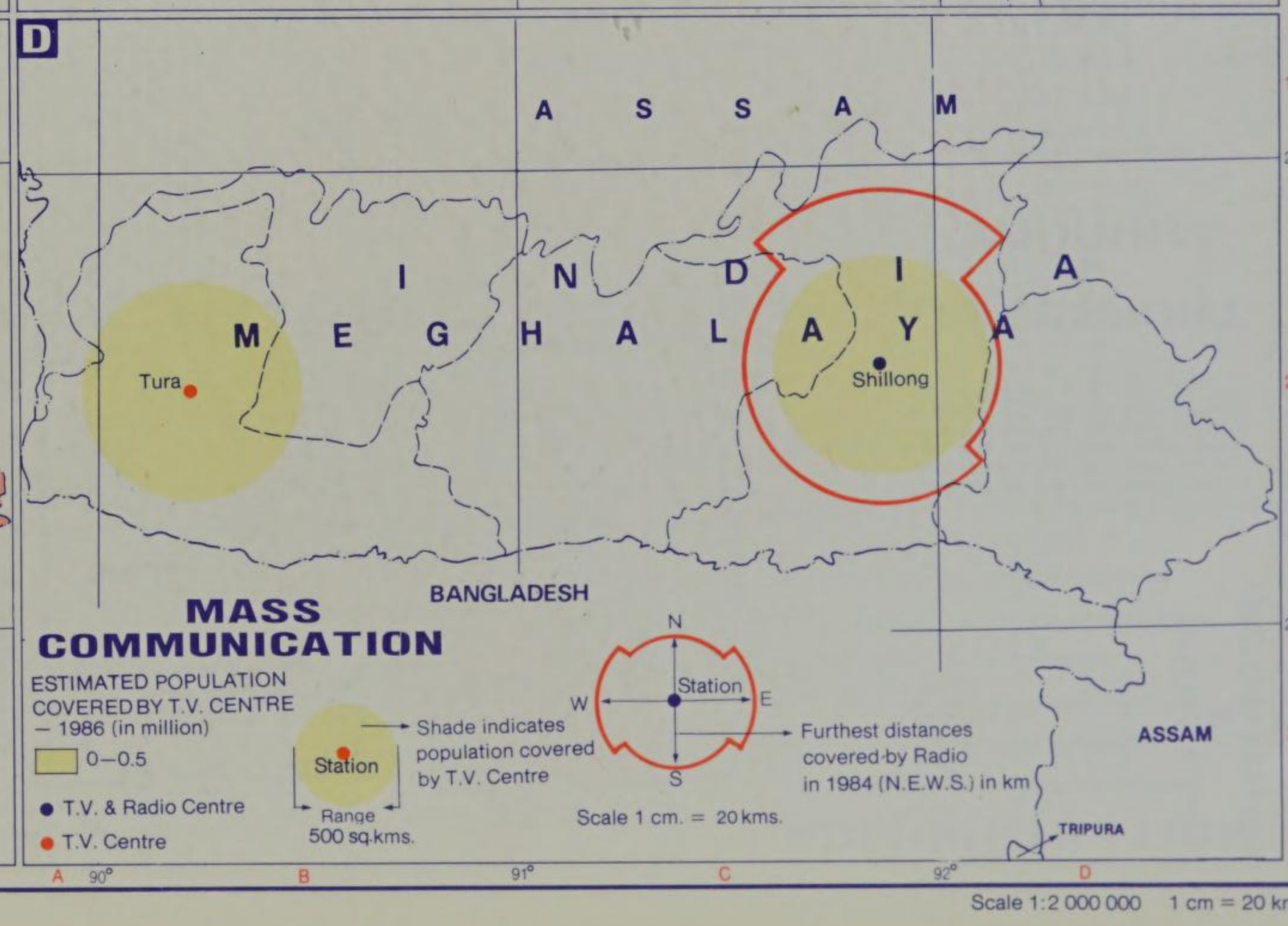


Scale 1:1 500 000 1 cm = 15 kms


A
Brahmaputra
Jaleswar
Brahmaputra
Kalang
ASSAM
Umtru
Khri
Umian
Borpani
Krishnai
Dudhnai
Ronga
MEGHALAYA
Kynchiang
Jadukata
Kopili
Lubha
Singla
BANGLADESH
Kangsa
Someswari
AGRICULTURE
Rice
Jute/Mesta
Oil Seeds
Umian — Name of Irrigation Projects ★
Maize
Cotton
NOTE:
* Area covered by completed irrigation projects and projects nearing completion.
1. The colour scheme on the map indicates the major crop of each district (based on a comparison of the tonnages produced of the different crops in each district).
2. The colours used for each major crop appear in a darker and lighter shade. Those districts marked in the darker shade are major producers of the particular crop, while the districts marked in lighter shades produce comparatively less of the same crop, even though the crop is the major crop in that district.
3. The crop symbols overlaid show other important crops grown in each TALUK of the state.
CROP DATA:
OILSEEDS: RAPESEED: East Garo and West Khasi Hills; MUSTARD: East Garo and West Khasi Hills




C
ASSAM
East Garo Hills
West Garo Hills
MEGHALAYA
West Khasi Hills
East Khasi Hills
Jaintia Hills
BANGLADESH
ASSAM
TRIPURA
ECONOMIC DEVELOPMENT
ESTIMATED INDEX OF LEVELS OF ECONOMIC DEVELOPMENT — 1989
AVERAGE
All India 100
State 17
25—50
0—25
Jaintia Hills — Notified Backward Districts
Note:
The levels of economic development are based on the following indicators: Per capita value of output of major crops, Per capita bank credit to agriculture, Number of mining and factory workers per 100,000 population, Number of households of manufacturing workers per 100,000 population, Per capita bank credit for manufacturing sector, Per capita bank deposits, Per capita bank credit to services, Literacy and Urbanisation.



Scale 1:2 000 000 1 cm = 20 kms

MIZORAM

PHYSICAL

ALTITUDE SCALE

1800 m
1350
900
600
300
150
0

ASSAM
MANIPUR
TRIPURA
BANGLADESH
MYANMAR (BURMA)
INDIA
MIZORAM
Sonai
Catur
Dhaleswari
Tuivaw
Tuichang
Tuilianpui
Deh
Phairang
Mai
Thega
Tuichong
Mengpui Lui
Blue Mt.

ADMINISTRATION

- International Boundary
- State Boundary
- District Boundary
- State Capital
- District Headquarters
- Taluk Headquarters

Note:
Most taluks take their names from their headquarters. Where headquarters and taluks have the same names, only the headquarters have been located on the map. Where their names are different, the taluk's name is placed below the headquarters' location in brackets.

Dharmanagar
Kolosib
Darlawn
Tukkalh
Neihbawi
Sairang
AIZAWL
Seling
Phaileng
Reiek
Champhai
Serchhip
Thenzawi
Keitumkawn
Lungdar
LUNGLEI
Lungsen
Lunglei
Chawngte
Lawngtlai
Saiha
Tuipang
CHHIMTUIPUI

TRANSPORT & TOURISM

TRANSPORT
- 54 National Highways (with number)
- Other Roads

TOURISM
- Hill Station
- Lake/Reservoir

LOCATIONS
- State Headquarters
- Tourist Centre
- Other Towns
- District Headquarters (outside Mizoram)

POPULATION

ESTIMATED RURAL POPULATION DENSITY – 1989 (Persons/sq km, District-wise)
- 1–50

ESTIMATED TOWN POPULATION – 1989 (in thousands)
- 100–250
- 20–50

Scale 1:1 400 000 1 cm = 14 kms

A — AGRICULTURE

Rice

NOTE:

1. The colour scheme on the map indicates the major crop of each district (based on a comparison of the tonnages produced of the different crops in each district).
2. The colours used for each major crop appear in a darker and lighter shade. Those districts marked in the darker shade are major producers of the particular crop, while the districts marked in lighter shades produce comparatively less of the same crop, even though the crop is the major crop in that district.

B — INDUSTRIES & MARKETS

C Class Market

Paper products

Bairabi

Note:
District-wise market potential has been estimated on the basis of the following indicators: Area, Number of households, Population, Population growth rate, Sex ratio, Density of population, Male literacy, Female literacy, Urbanisation, Workforce, Number of traders, Bank offices/100,000 population, Per capita bank credit to agriculture, Per capita bank credit to industries, Total cropped area, Production of major crops, Number of motor vehicles, Post offices/100,000 population, Circulation of newspapers, Cinema houses/100,000 population, Number of radio sets, T.V. sets.

C — ECONOMIC DEVELOPMENT

Aizawl

Lunglei

Chhimtuipui

ESTIMATED INDEX OF LEVELS OF ECONOMIC DEVELOPMENT — 1989

AVERAGE
All India 100
State 22 →

25—50
0—25

Aizawl — Notified Backward Districts

Note:
The levels of economic development are based on the following indicators: Per capita value of output of major crops, Per capita bank credit to agriculture, Number of mining and factory workers per 100,000 population, Number of households of manufacturing workers per 100,000 population, Per capita bank credit for manufacturing sector, Per capita bank deposits, Per capita bank credit to services, Literacy and Urbanisation.

D — MASS COMMUNICATION

ESTIMATED POPULATION COVERED BY T.V.CENTRE — 1986 (in million)

0—0.5

T.V. & Radio Centre

Aizawl

Furthest distances covered by Radio in 1984 (N.E.W.S.) in km

N
W — Station — E
S

1 cm = 19 kms

Shade indicates population covered by T.V. Centre

Station

Range

500 sq.kms.

Scale 1:1 900 000 1 cm = 19 kms

NAGALAND

PHYSICAL

ALTITUDE SCALE

3000 m
1800
1350
900
600
300
150

Dikhu
Dhyung
Yakko
Zungki
Mol Len

ADMINISTRATION

International Boundary
State Boundary
District Boundary
State Capital
District Headquarters
Taluk Headquarters

Note:
Most taluks take their names from their headquarters. Where headquarters and taluks have the same names, only the headquarters have been located on the map. Where their names are different, the taluk's name is placed below the headquarters' location in brackets.

The population symbols also indicate the location of the respective towns

POPULATION

ESTIMATED RURAL POPULATION DENSITY – 1989 (Persons/sq km, District-wise)

51–100
1–50

ESTIMATED TOWN POPULATION – 1989 (in thousands)

50–100
10–20

Naginimara
MON
Mon
Changtongia
MOKOKCHUNG
Mokokchung
Bhandari
Tuensang
WOKHA
Wokha
TUENSANG
Noklak
Cheshorr
Zunheboto
ZUNHEBOTO
Tseminyu
Dimapur
KOHIMA
KOHIMA
PHEK
Phek
Meluri
Chizami

ARUNACHAL PRADESH
ASSAM
NAGALAND
MANIPUR
MYANMAR (BURMA)

Scale 1:2 000 000 1 cm = 20 kms

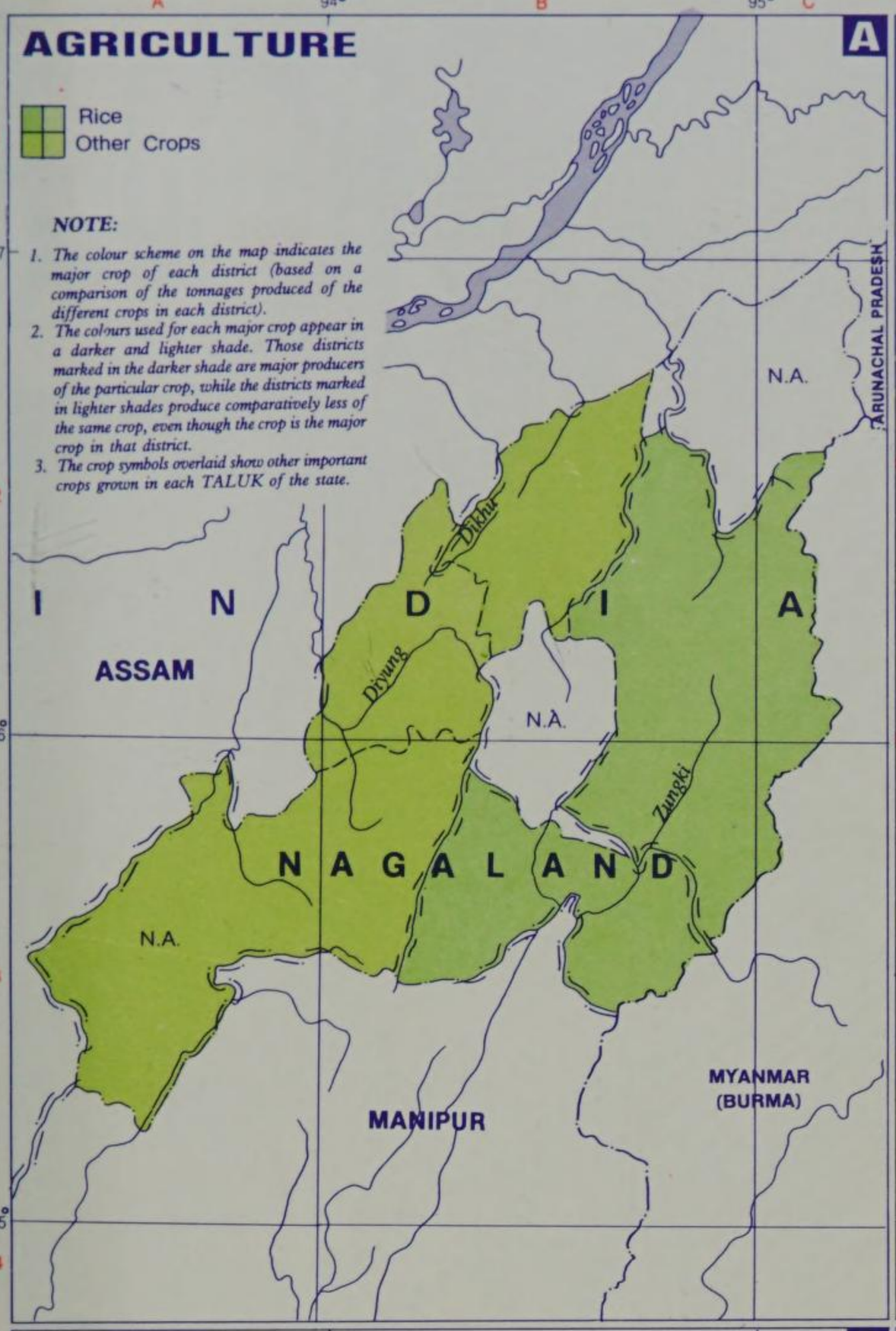
AGRICULTURE

A

Rice
Other Crops

NOTE:

1. *The colour scheme on the map indicates the major crop of each district (based on a comparison of the tonnages produced of the different crops in each district).*
2. *The colours used for each major crop appear in a darker and lighter shade. Those districts marked in the darker shade are major producers of the particular crop, while the districts marked in lighter shades produce comparatively less of the same crop, even though the crop is the major crop in that district.*
3. *The crop symbols overlaid show other important crops grown in each TALUK of the state.*



TRANSPORT & TOURISM

B

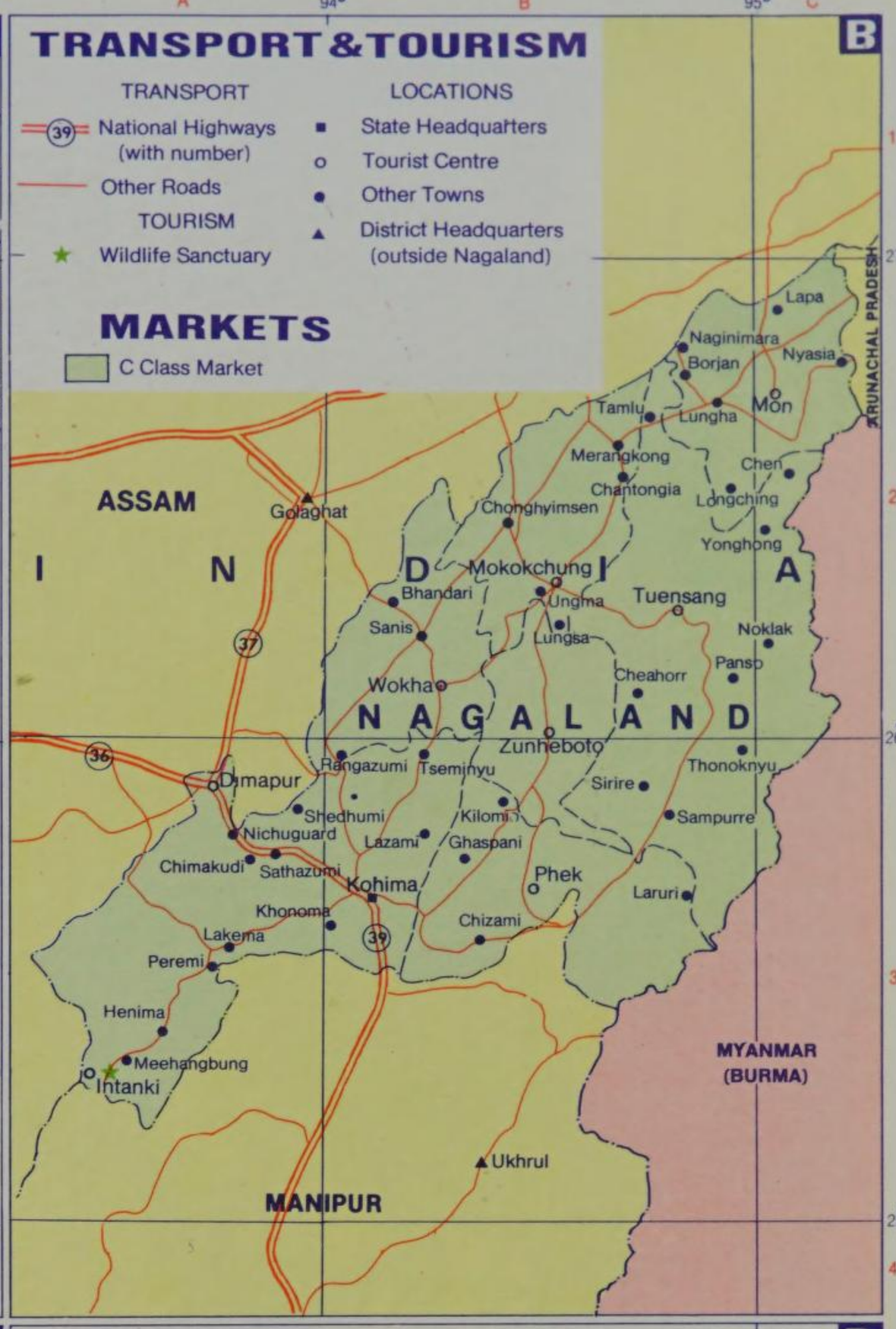
TRANSPORT
39 National Highways (with number)
Other Roads

TOURISM
★ Wildlife Sanctuary

LOCATIONS
■ State Headquarters
o Tourist Centre
● Other Towns
▲ District Headquarters (outside Nagaland)

MARKETS

C Class Market



ECONOMIC DEVELOPMENT

C

ESTIMATED INDEX OF LEVELS OF ECONOMIC DEVELOPMENT – 1989

AVERAGE
All India 100
State 16 →
50–75
25–50
0–25

WOKHA – Other Districts
Kohima – Notified Backward Districts

Note:
The levels of economic development are based on the following indicators; Per capita value of output of major crops, Per capita bank credit to agriculture, Number of mining and factory workers per 100,000 population, Number of households of manufacturing workers per 100,000 population, Per capita bank credit for manufacturing sector, Per capita bank deposits, Per capita bank credit to services, Literacy and Urbanisation.

MASS COMMUNICATION

D

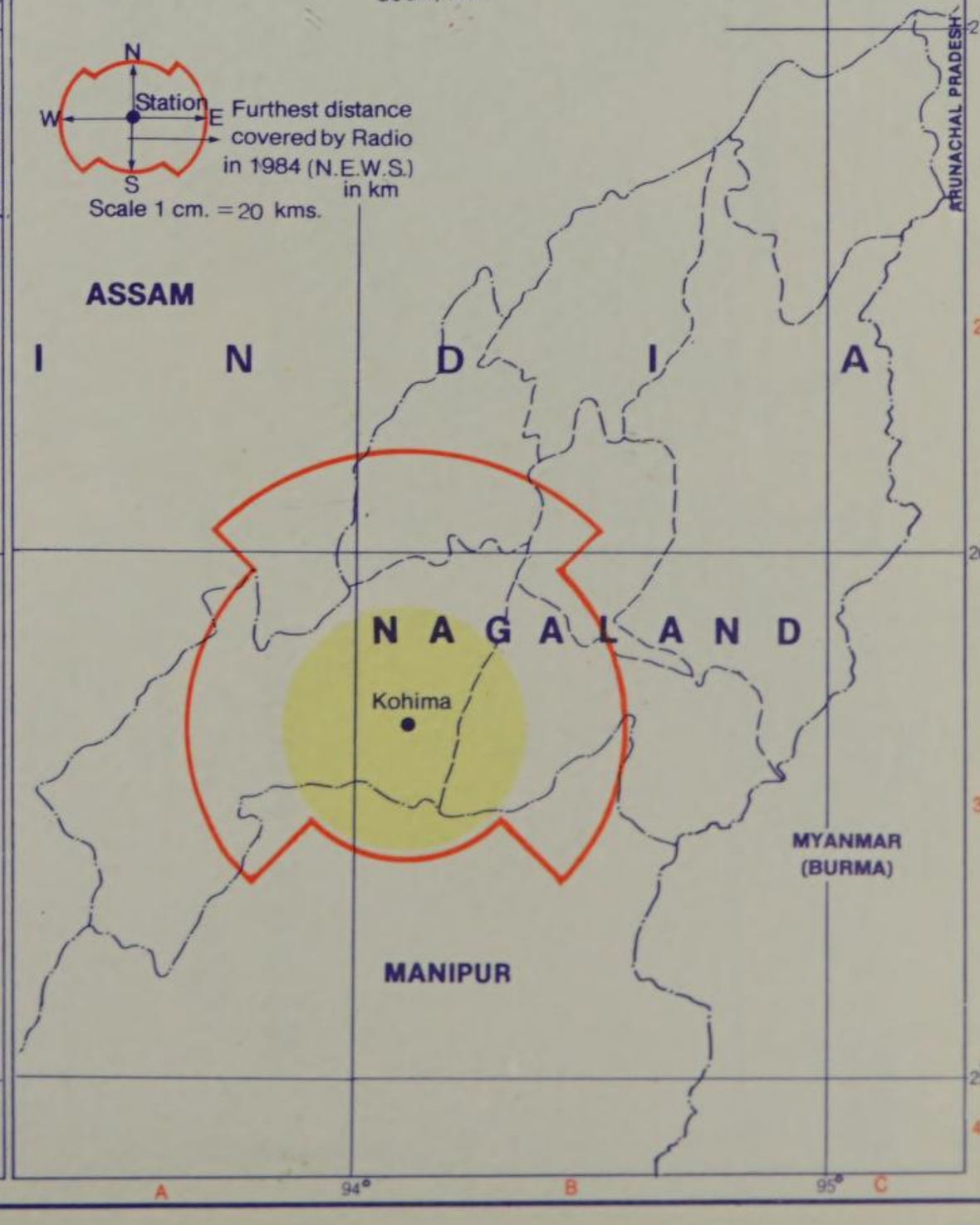
ESTIMATED POPULATION COVERED BY T.V. CENTRE – 1986 (in million)

0–0.5
● T.V. & Radio Centre

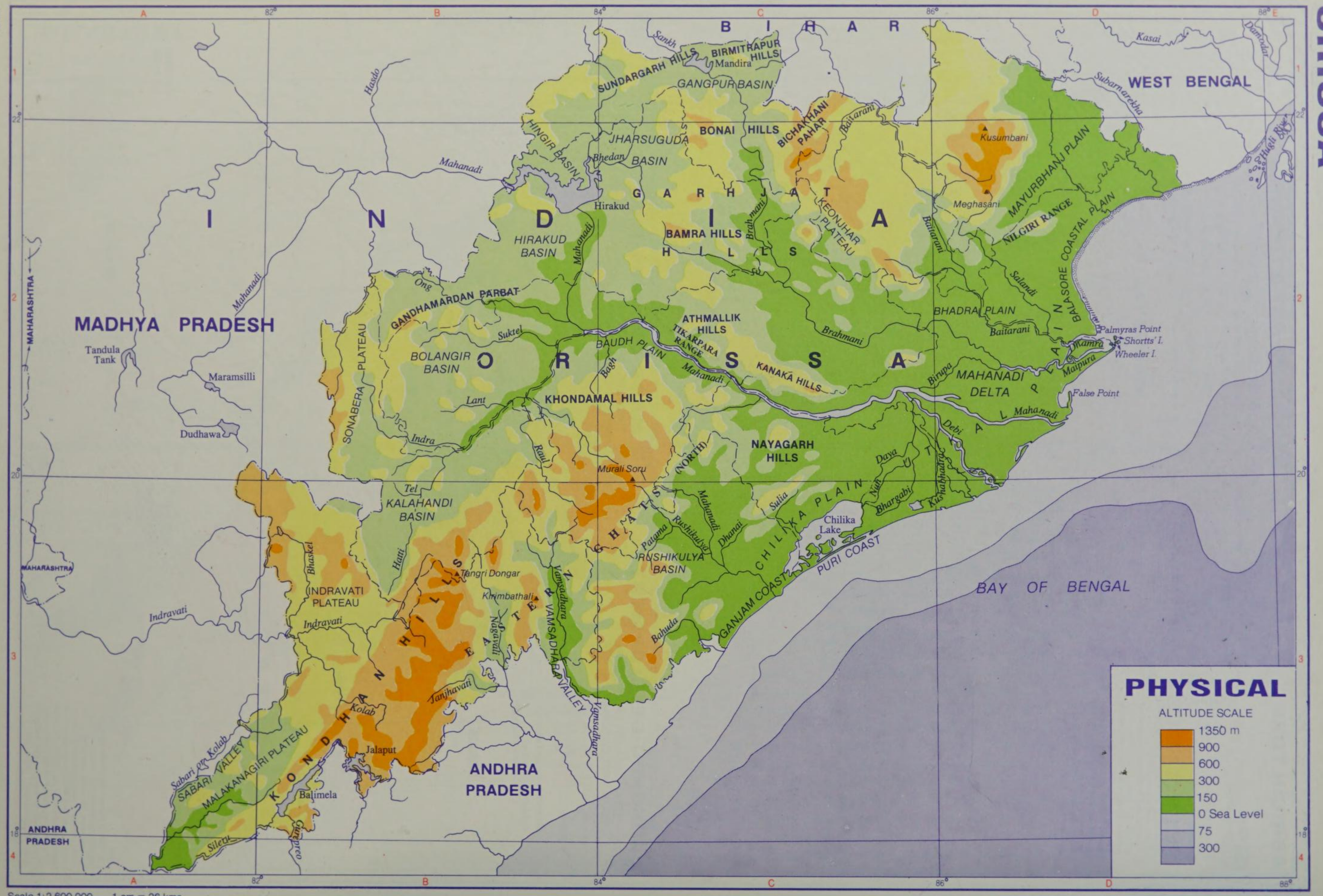
Station
Range 500sq. kms
→ Shade indicates population covered by T.V. Centre

N
W Station E
S
Furthest distance covered by Radio in 1984 (N.E.W.S.) in km

Scale 1 cm. = 20 kms.



ORISSA



Scale 1:2 600 000 1 cm = 26 kms

ADMINISTRATION

- State Boundary
- District Boundary
- Taluk Boundary
- State Capital
- District Headquarters
- Taluk Headquarters

Note:
Most taluks take their names from their headquarters. Where headquarters and taluks have the same names, only the headquarters have been located on the map. Where their names are different, the taluk's name is placed below the headquarters' location in brackets.

Scale 1:2 600 000 1 cm = 26 kms

POPULATION

ESTIMATED RURAL POPULATION DENSITY — 1989
(Persons/sq km, District-wise)

- 301—500
- 201—300
- 151—200
- 101—150
- 51—100

Bhadrakh— Town
Sartha— Village

ESTIMATED TOWN/VILLAGE POPULATION — 1989
(in thousands)

- 500—1000
- 250—500
- 100—250
- 50—100
- 20—50
- 10—20

Note:
The population symbols also indicate the location of the respective towns/villages.

MAJOR CITIES — 1989

Towns with more than 250,000 population
(Estimated in thousands)

Raurkela	543
Cuttack	436
Bhubaneshwar	409

Scale 1:2 600 000 1 cm = 26 kms

TRANSPORT & TOURISM

TRANSPORT

- National Highways (with number)
- Other Roads
- Railway Lines
- Seaport

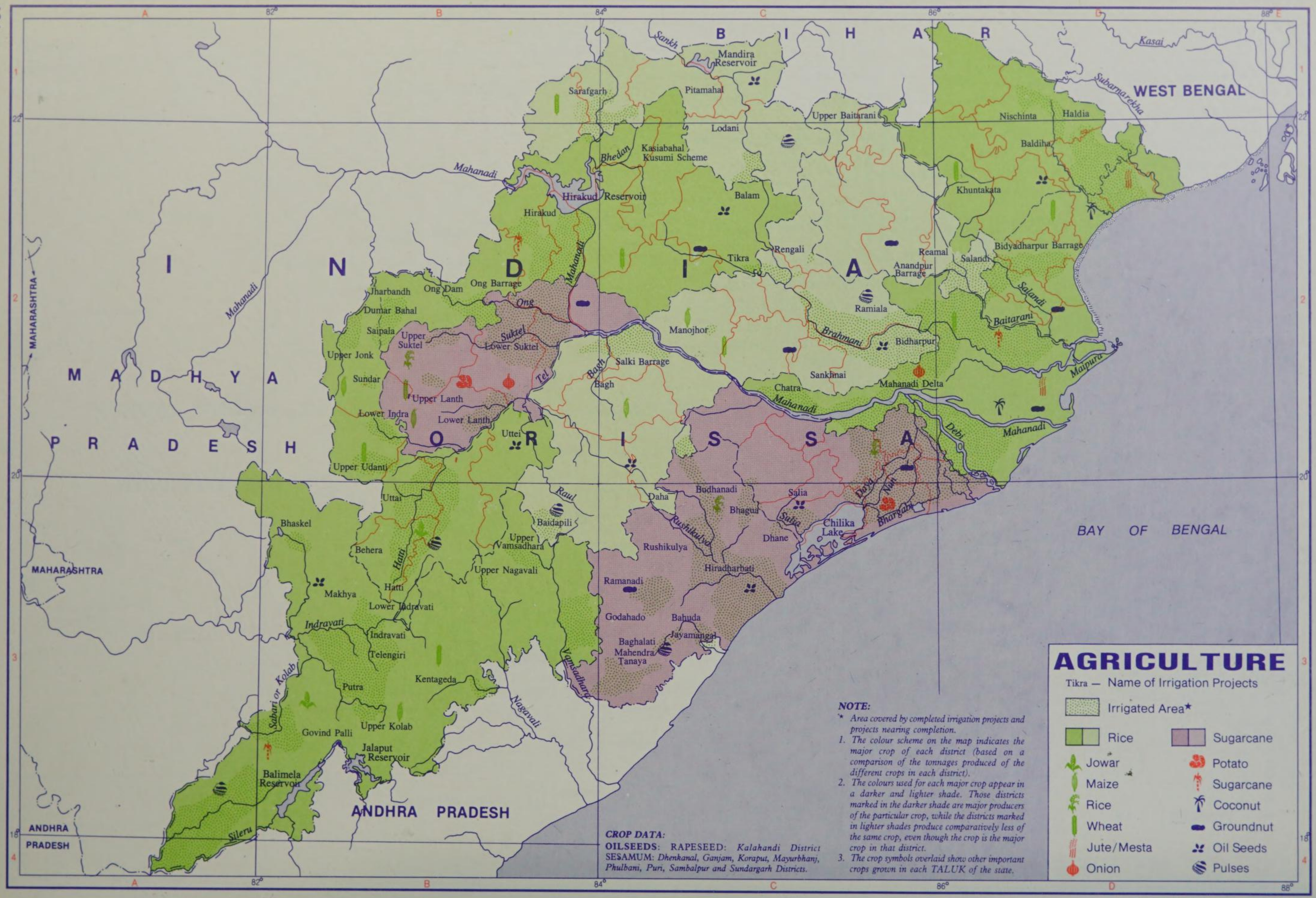
TOURISM

- Archaeological Site
- Historical Site
- Religious Centre
- Hill Station
- Holiday Resort
- Wildlife Sanctuary
- Beach
- Lake/Reservoir

LOCATIONS

- State Headquarters
- Tourist Centre
- Other Towns
- District Headquarters (outside Orissa)

Scale 1:2 600 000 1 cm = 26 kms



AGRICULTURE

Tikra — Name of Irrigation Projects

Irrigated Area★

Rice	Sugarcane
Jowar	Potato
Maize	Sugarcane
Rice	Coconut
Wheat	Groundnut
Jute/Mesta	Oil Seeds
Onion	Pulses

NOTE:

★ *Area covered by completed irrigation projects and projects nearing completion.*

1. *The colour scheme on the map indicates the major crop of each district (based on a comparison of the tonnages produced of the different crops in each district).*
2. *The colours used for each major crop appear in a darker and lighter shade. Those districts marked in the darker shade are major producers of the particular crop, while the districts marked in lighter shades produce comparatively less of the same crop, even though the crop is the major crop in that district.*
3. *The crop symbols overlaid show other important crops grown in each TALUK of the state.*

CROP DATA:

OILSEEDS: RAPESEED: *Kalahandi District*
SESAMUM: *Dhenkanal, Ganjam, Koraput, Mayurbhanj, Phulbani, Puri, Sambalpur and Sundargarh Districts.*

Scale 1:2 600 000 1 cm = 26 kms

INDUSTRIES & MARKETS

A

Note:

District-wise market potential has been estimated on the basis of the following indicators: Area, Number of households, Population, Population growth rate, Sex ratio, Density of population, Male literacy, Female literacy, Urbanisation, Workforce, Number of traders, Bank offices/100,000 population, Per capita bank credit to agriculture, Per capita bank credit to industries, Total cropped area, Production of major crops, Number of motor vehicles, Post offices/100,000 population, Circulation of newspapers, Cinema houses/100,000 population, Number of radio sets, T.V. sets.

BIHAR

WEST BENGAL

Birmitrapur

Raurkela

Kalunga

Sundargarh

Barbil

Rajgangpur

Rairangpur

Jharsuguda

Belpahar

Brajrajnagar

Kendujhargarh

Baleshwar

Hirakud

Nilagiri

Baragarh

Daitari

Bhadrak

Randia

Talcher

Baulpur

Angul

Jaipur Road

O R S S A

Dhenkanal

Cuttack

Barang

Kujang

Paradwip

Phulabani

Bhubaneshwar

Nayagarh

Khordha

Kesinga

MADHYA PRADESH

BAY OF BENGAL

I N D I A

Asika

Chhatrapur

Ganjam

MAHARASHTRA

Rayagarha

Koraput

ANDHRA PRADESH

Malkangiri

A Class Market	B Class Market
C Class Market	Other Industrial Centres
Chemical products and Pharmaceuticals	Electrical machinery
Food products	Metal products
Leather, Rubber and Plastic products	Non-metallic products
Textile Industry	Paper products
Wood products	Transport equipment

B

MINERALS

Note:

1. *The town/village names on the map are major mining centres of the mineral/minerals indicated alongside the town/village name.*
2. *All other mineral symbols are located in the taluks/tahsils where the respective minerals are mined.*

BIHAR

WEST BENGAL

Birmitrapur

SUNDARGARH

Gorumahisani

Badampaharh

MAYURBHANJ

Rampur

Pravasuni

SAMBALPUR

KENDUJHARGARH

Baragarh

Nausahi

BALESHWAR

MADHYA PRADESH

Talcher Coal Field

Sargipali

Bamur

Sukinda

Chandbali

DHENKANAL

Balangir

Athmallik

BALANGIR

O R I S S A

CUTTACK

Titlagarh

PHULBANI

PURI

BAY OF BENGAL

KALAHANDI

Tumdibandh

Konarka

I N D I A

GANJAM

MAHARASHTRA

KORAPUT

ANDHRA PRADESH

Aluminium	Glass Sand	Manganese
China Clay	Granite	Mica
Chromite	Graphite	Quartzite
Chromium	Iron	Silica
Coal	Kaolin	Steatite
Dolomite	Lead and Silver	Titanium (Ilmenite)
Fire Clay	Lime Stone	

Scale 1:3 700 000 1 cm = 37 kms

ECONOMIC DEVELOPMENT

A

BIHAR
WEST BENGAL
SUNDARGARH
SAMBALPUR
Kendujhargarh
Mayurbhanj
Baleshwar
Dhenkanal
MADHYA PRADESH
Balangir
CUTTACK
O R I S S A
Phulabani
PURI
Kalahandi
MAHARASHTRA
I N D I A
GANJAM
BAY OF BENGAL
Koraput
ANDHRA PRADESH

Note:
The levels of economic development are based on the following indicators: Per capita value of output of major crops, Per capita bank credit to agriculture, Number of mining and factory workers per 100,000 population, Number of households of manufacturing workers per 100,000 population, Per capita bank credit for manufacturing sector, Per capita bank deposits, Per capita bank credit to services, Literacy and Urbanisation.

ESTIMATED INDEX OF LEVELS OF ECONOMIC DEVELOPMENT – 1989

All India 100 →
State 60 →

100–150
75–100
50–75
25–50

PURI – Other Districts
Balangir – Notified Backward Districts

MASS COMMUNICATION

B

ESTIMATED POPULATION COVERED BY T.V. CENTRE –1986 (in million)

10–15
1–5
0.5–1
0–0.5

● T.V. & Radio Centre
● T.V. Centre
★ Radio Centre

BIHAR
Raurkela
WEST BENGAL
Sambalpur
MADHYA PRADESH
O R I S S A
Cuttack
MAHARASHTRA
I N D I A
Bhawanipatna
BAY OF BENGAL
Brahmapur
Jaypur
Koraput
ANDHRA PRADESH

Station
Shade indicates population covered by T.V. Centre
Range 2,000 sq.kms.

N
W Station E
S
Furthest distance covered by Radio in 1984 (N.E.W.S.) in km
1 cm. = 37 kms.

Scale 1:3 700 000 1 cm = 37 kms

PHYSICAL

ALTITUDE SCALE
900 m
600
300

A

JAMMU AND KASHMIR

HIMACHAL PRADESH

PAKISTAN

INDIA

RAJASTHAN

HARYANA

PUNJAB

Chenab
Ravi
Ravi
Upper Bari Doab Canal
Beas
BARI DOAB
KATAR DHAR (SHIWALIK RANGE)
HOSHIARPUR CHOALAND
Sutlej
Govind Sagar
MANJHA PLAIN
Beas
BEAS BET
BIST DOAB
Satluj
Satluj
SATLUJ BET
CHANDIGARH CHOALAND
CHANDIGARH
Abohar Branch
Patiala Branch
Bathinda Branch
MALWA PLAIN
SIRHIND PLAIN (PAWADH)
Ghaggar
Patialewali
Murkanda
Kotla Canal
Ghaggar Branch
Bhakra Canal
Sirsa
Ghagghar
Hansi Branch
Rajasthan Canal

ADMINISTRATION

B

International Boundary
State Boundary
District Boundary
Taluk Boundary
State Capital
District Headquarters
Taluk Headquarters

JAMMU AND KASHMIR

HIMACHAL PRADESH

Pathankot
Gurdaspur
GURDASPUR
Ajnala
Batala
Dasua
Amritsar
AMRITSAR
Baba Bakala
Tarn Taran
KAPURTHALA
Hoshiarpur
HOSHIARPUR
Kapurthala
Jalandhar
KAPURTHALA
Patti
Phagwara
Sultanpur
JALANDHAR
Garhshankar
Anandpur Sahib
Nakodar
Nawanshahr
Balachor
Phillaur
Firozpur
Zira
Rupnagar
RUPNAGAR
Jagraon
Ludhiana
LUDHIANA
Moga
Samrala
Kharar
FIROZPUR
Faridkot
Khanna
CHANDIGARH
Fatehgarh
FARIDKOT
Malerkotla
Rajpura
Fazilka
Muktsar
Barnala
PATIALA
Nabha
Patiala
SANGRUR
Rampura Phul
Sangrur
Bathinda
Samana
BATHINDA
Sunam
Talwandi Sabo
Mansa

RAJASTHAN

HARYANA

PUNJAB

Note:
Most taluks take their names from their headquarters. Where headquarters and taluks have the same names, only the headquarters have been located on the map. Where their names are different, the taluk's name is placed below the headquarters' location in brackets.

Scale 1:2 000 000 1 cm = 20 kms

POPULATION

ESTIMATED RURAL POPULATION DENSITY – 1989
(Persons/sq km, District-wise)

- 501–1000
- 301–500
- 201–300

ESTIMATED TOWN/VILLAGE POPULATION – 1989
(in thousands)

- ● 500–1000
- ▲ 250–500
- ♦ 100–250
- ★ 50–100
- □ 20–50
- ◉ 10–20

Majitha – Town
Sehna – Village

Note:
The population symbols also indicate the location of the respective towns/villages.

MAJOR CITIES — 1989

Towns with more than 250,000 population
(Estimated in thousands)

Ludhiana	853
Amrtisar	756
Jalandhar	524
Patiala	264

JAMMU AND KASHMIR

HIMACHAL PRADESH

CHANDIGARH

PAKISTAN

I N D I A

P U N J A B

RAJASTHAN

H A R Y A N A

Pathankot, Dina Nagar, Gurdaspur, *Kalanaur*, Fategarh Churian, Dhariwal, Mukerian, Talwara, Batala, Qadian, Dasua, Majitha, Amritsar, Jandiala, Tanda Urmar, Hoshiarpur, Tarn Taran, Kartarpur, Adampur, Kapurthala, Patti, *Sirhali Kalan*, Jalandhar, Nangal, Sultanpur, Phagwara, Garhshankar, *Sur Singh*, Banga, Anandpur Sahib, Goraya, Nawanshahr, Nakodar, *Muthada Kalan*, Nurmahal, *Bilga*, Phillaur, Rahon, Firozpur, Zira, Dharam Kot, Machhiwara, Rupnagar, Talwandi Bhai, Jagraon, Ludhiana, Guruharsahai, Moga, Mullanpur, Samrala, Morinda, Kurali, Faridkot, Bagha Purana, Raikot, Khanna, Kharar, Jalalabad, *Panj Grain Kalan*, Kot Kapura, Sirhind, Gobindgarh, Basi, Ahmadgarh, Muktsar, Maler Kotla, Rajpura, *Lalru*, Fazilka, Jaito, Bhadaur, *Bhai Rupa*, *Sahna*, Barnala, Nabha, Goniana, Tapa, Dhuri, Patiala, Malaut, Bathinda, *Hadiaya*, Dhanaula, Bhawanigarh, Sanaur, Rampura Phul, Bhucho Mandi, Sangrur, Laungowal, Giddarbaha, Abohar, Samana, Sunam, Maur, *Bhikhi*, Raman, Talwandi Sabo, Mansa, Lehragaga, Patran, Budhlada, Moonak

108

Scale 1:1 500 000 1 cm = 15 kms

TRANSPORT & TOURISM

TRANSPORT
- National Highways (with number)
- Other Roads
- Railway Lines

TOURISM
- Archaeological Site
- Historical Site
- Religious Centre
- Holiday Resort
- Wildlife Sanctuary
- Lake/Reservoir

LOCATIONS
- State Headquarters
- Tourist Centre
- Other Towns
- District Headquarters (outside Punjab)

AGRICULTURE

Harike — Name of Irrigation Projects
Irrigated Area*
Wheat
Sugarcane
Barley
Maize
Rice
Wheat
Chilli
Cotton
Potato
Sugarcane
Tobacco
Groundnut
Oil Seeds
Pulses

JAMMU AND KASHMIR
HIMACHAL PRADESH
PAKISTAN
PUNJAB
HARYANA
RAJASTHAN
INDIA

Chamba, Pathankot, Dharmsala, Dholbaha, Gurdaspur, Dera Baba Nanak, Dhariwal, Mukerian, Qadian, Batala, Dasuya, Ajnala, Atari, Amritsar, Tanda, Hoshiarpur, Hamirpur, Mandi, Una, Nangal, Bilaspur, Tarn Taran, Dera Baba Jaimal Singh, Govindwal, Kapurthala, Jalandhar, Patti, Sultanpur, Phagwara, Anandpur, Kiratpur, Harike, Nakodar, Nawanshahr, Phillaur, Rahon, Ludhiana, Machhiwara, Rupnagar, Neelon, Kurail, Samrala, Chandigarh, Khanna, Fatehgarh, Sirhind, Dera Bassi, Faridkot, Kot Kapura, Nihal Singhwala, Jalalabad, Rajpura, Muktsar, Baja Khana, Maler Kotla, Barnala, Nabha, Fazilka, Nathana, Dhuri, Ambala, Patiala, Malaut, Bathinda, Sangrur, Bhawanigarh, Abohar, Sunam, Lambi, Bhikhi, Mansa, Budhlada, Dogal, Kurukshetra, Ganganagar, Sirsa, Jind, Husainiwala, Zira, Firozpur, Moga, Jagraon

Basantpur, Ravi, Beas, Sutlej, Nangal, Harike, Firozpur Head Works, Rupnagar, Rajasthan Canal, Abohar Branch, Bathinda, Patiala Branch, Kotla Canal, Ghaggar Branch, Bhakra Canal, Saraswati, Ghaggar

Note:
* *Area covered by completed irrigation projects and projects nearing completion.*
1. *The colour scheme on the map indicates the major crop of each district (based on a comparison of the tonnages produced of the different crops in each district).*
2. *The colours used for each major crop appear in a darker and lighter shade. Those districts marked in the darker shade are major producers of the particular crop, while the districts marked in lighter shades produce comparatively less of the same crop, even though the crop is the major crop in that district.*
3. *The crop symbols overlaid show other important crops grown in each TALUK of the state.*

CROP DATA:
OILSEEDS: MUSTARD: *Moga, Muktsar Taluks (Faridkot Dt.), Barnala (Sangrur), Talwandi Sabo (Bathinda)*
PULSES: GRAM: *Muktsar Taluk (Faridkot Dt), Ludhiana (Ludhiana), Sunam (Sangrur), Amritsar (Amritsar), Talwandi Sabo (Bathinda).*

Scale 1:2 000 000 1 cm = 20 kms

A — INDUSTRIES & MARKETS

- A Class Market
- B Class Market
- Major Industrial Centre
- Other Industrial Centres
- ▲ Beverage and Tobacco products
- ★ Electrical machinery
- ▲ Metal products
- ⊙ Chemical products and Pharmaceuticals
- ● Paper products
- ◉ Transport equipment
- ● Food products
- ♦ Leather, Rubber and Plastic products
- ★ Textile Industry
- ■ Wood products

HIMACHAL PRADESH
Dhariwal
Amritsar
Tarn Taran
Goindwal Sahib
Hoshiarpur
Jalandhar
Nangal
Phagwara
Nakodar
Bala Chor
PAKISTAN
INDIA
PUNJAB
Ludhiana
Rupnagar
Moga
Dhanderi
Samrala
CHANDIGARH
Kharar
Dera Bassi
Maler Kotla
Jaito
Nabha
Rajpura
Barnala
Patiala
Bahadurgarh
Malaut
Bathinda
Sangrur
Abohar
RAJASTHAN
HARYANA

Note:
District-wise market potential has been estimated on the basis of the following indicators: Area, Number of households, Population, Population growth rate, Sex ratio, Density of population, Male literacy, Female literacy, Urbanisation, Workforce, Number of traders, Bank offices/100,000 population, Per capita bank credit to agriculture, Per capita bank credit to industries, Total cropped area, Production of major crops, Number of motor vehicles, Post offices/100,000 population, Circulation of newspapers, Cinema houses/100,000 population, Number of radio sets, T.V. sets.

B — MINERALS

- ✱ Gem Stone
- ⊠ Gypsum

JAMMU AND KASHMIR
HIMACHAL PRADESH
GURDASPUR
HOSHIARPUR
PAKISTAN
AMRITSAR
KAPURTHALA
KAPURTHALA
INDIA
RUPNAGAR
JALANDHAR
PUNJAB
LUDHIANA
CHANDIGARH
FIROZPUR
FARIDKOT
PATIALA
SANGRUR
BATHINDA
RAJASTHAN
HARYANA

C — ECONOMIC DEVELOPMENT

ESTIMATED INDEX OF LEVELS OF ECONOMIC DEVELOPMENT — 1989

AVERAGE
State 207 →
All India 100 →

- Over 200
- 150—200
- 100—150

PATIALA — Other Districts
Sangrur — Notified Backward Districts

JAMMU AND KASHMIR
HIMACHAL PRADESH
Gurdaspur
Hoshiarpur
AMRITSAR
KAPURTHALA
KAPURTHALA
PAKISTAN
INDIA
RUPNAGAR
JALANDHAR
PUNJAB
LUDHIANA
CHANDIGARH
Ferozpur
Faridkot
PATIALA
Sangrur
Bathinda
RAJASTHAN
HARYANA

Note:
The levels of economic development are based on the following indicators: Per capita value of output of major crops, Per capita bank credit to agriculture, Number of mining and factory workers per 100,000 population, Number of households of manufacturing workers per 100,000 population, Per capita bank credit for manufacturing sector, Per capita bank deposits, Per capita bank credit to services, Literacy and Urbanisation.

D — MASS COMMUNICATION

ESTIMATED POPULATION COVERED BY T.V. CENTRE—1986 (in million)

- 5—10
- 1—5
- 0.5—1
- ● T.V. & Radio Centre
- ● T.V. Centre

JAMMU AND KASHMIR
Pathankot
HIMACHAL PRADESH
Amritsar
PAKISTAN
INDIA
Jalandhar
PUNJAB
CHANDIGARH
Bathinda
RAJASTHAN
HARYANA

N
W — Station — E
S
1 cm. = 30kms.
Furthest distance covered by Radio in 1984 (N.E.W.S.) in km

Station
Range 2000 sq. kms
Shade indicates population covered by T.V. Centre

A 74° B 75° C 76° D

Scale 1:3 000 000 1 cm = 30 kms

RAJASTHAN

PHYSICAL

ALTITUDE SCALE

1800 m
1350
900
600
300
150
0 Sea Level
75

Scale 1:3 900 000 1 cm = 39 kms

PAKISTAN
PUNJAB
HARYANA
DELHI
UTTAR PRADESH
NEPAL
MADHYA PRADESH
GUJARAT
Indus
Ganga
Yamuna
Chambal
Sabarmati
Mahi
Banas
Parbati
Kunu
Sipu
Berwa
Halai Reservoir
GREAT INDIAN DESERT
GANG PLAIN
Bikaner Branch
Hanumangarh Branch
Sirhind Feeder
Anupgarh Branch
Nanghera Branch
Dattor Branch
Birsilpur Branch
Indira Gandhi Canal
Lunkaransar Branch
Bikaner Lift Canal
RAJGARH PLAIN
KHETRI HILLS
Sota
Sahibi
TORAWATI HILLS
ALWAR HILLS
DIDWAN BASIN
BANGANGA BASIN
Jamwa Ramgarh Talao
Banganga
BAYANA HILLS
Sambhar Salt Lake
SAMBHAR BASIN
LALSOT HILLS
PARBATI BASIN
Dhund
Morel
Banas
BANTHAM BHOR PLATEAU
RAJASTHAN
HILLS
BAORI HILLS
SOJAT HILLS
UPPER LUNI PLAIN
MIDDLE LUNI PLAIN
LOWER LUNI PLAIN
LUNI DELTA
Luni
PALI PLAIN
SIWANA HILLS
Chhappanka Pahar
SUKRI PLAIN
Israna
JALOR HILLS
JASWANTPURA HILLS
ERINPURA HILLS
Jawai Bandh
Guru Sikhar
ABU HILLS
BANAS VALLEY
GODWAR PLAIN
ARAVALLI
BHORAT PLATEAU
MEWAR HILLS
Dhebar Lake (Jai Samand)
CHAPPAN HILLS
Jakam
Gidan Mata
Nahar Sagar
Umed Sagar
NORTH MEWAR PLAIN
BUNDI HILLS
KOTA PLATEAU
SINGOLI PLATEAU
MUKANDWARA HILLS
Rana Pratap Sagar
CHITOR HILLS
Gandhi Sagar
JHALAWAR PLATEAU
Kali Sindh
HARAWATI PLAIN
Mt. Abu

Scale 1:3 900 000 1 cm = 39 kms

POPULATION

ESTIMATED RURAL POPULATION DENSITY – 1989 (Persons/sq km, District-wise)

- 201–300
- 151–200
- 101–150
- 51–100
- 1–50

Anupgarh – Town
Papurna – Village

ESTIMATED TOWN/VILLAGE POPULATION–1989 (in thousands)

- OVER 1,000
- 500–1,000
- 250–500
- 100–250
- 50–100
- 20–50
- 10–20

Jhunjhunun
1. *Gothera*
2. *Parasrampura*
3. *Gudhagorji*
4. *Chirana*

Note:
The population symbols also indicate the location of the respective towns/villages.

MAJOR CITIES — 1989

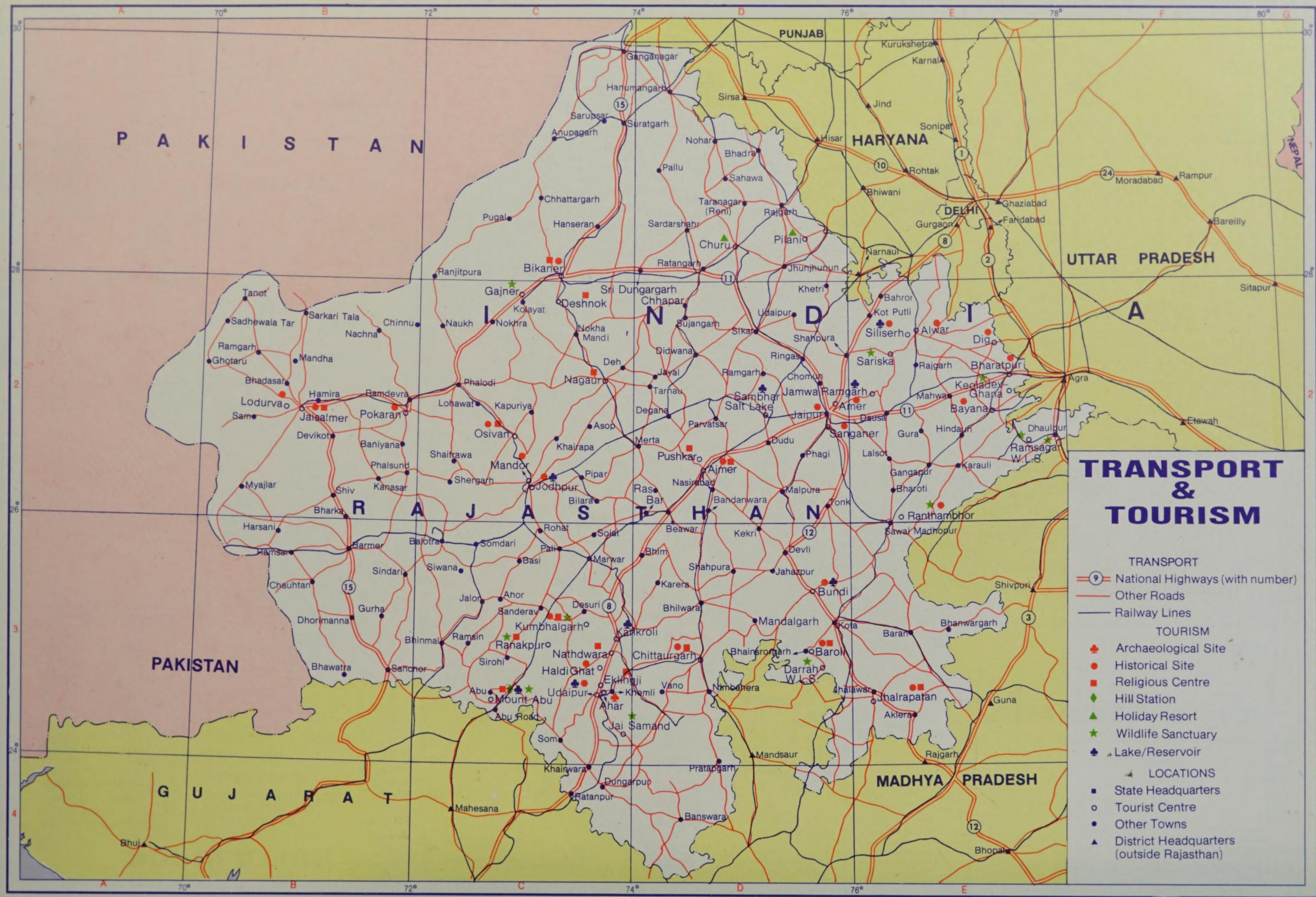
Towns with more than 250,000 population (Estimated in thousands)

Jaipur	1,469
Jodhpur	712
Kota	521
Ajmer	499
Bikaner	357
Udaipur	308

INDIA
RAJASTHAN
PUNJAB
HARYANA
DELHI
UTTAR PRADESH
MADHYA PRADESH
GUJARAT
PAKISTAN

Kesrisinghpur, Sadulshahr, Ganganagar, Karanpur, Sangariya, Padampur, Hanumangarh, Raisinghnagar, Pilibangan, Suratgarh, Anupgarh, Vijainagar, Rawatsar, Nohar, Bhadra, Rajgarh, Sardarshahr, Mandela, Churu, Pilani, Surajgarh, Chirawa, Ratan Nagar, Bissau, Shri Dungargarh, Ratangarh, Jhunjhunun, Bagar, Singhana, Mandawa, Khetri, Nawalgarh, Papurna, Tijara, Nim ka Thana, Khairthal, Rampur, Kaman, Dig, Kumher, Alwar, Shahpura, Manoharpur, Nagar, Rajgarh, Nadbai, Baswa, Kherli, Bharatpur, Wer, Bhusawar, Bayana, Bandikui, Basi, Dausa, Toda Bhim, Dhaulpur, Rajakhera, Bari, Hindaun, Karauli, Lalsot, Gangapur, Sawai Madhopur, Toda Rai Singh, Beriyawali, Bikaner, Napasar, Bidasar, Deshnok, Nokha, Rajaldesar, Fatehpur, Lachhmangarh, Sikar, Chhapar, Makundgarh, Udaipur, Gwala, Kot Putli, Khandela, Sikar, Sujangarh, Ladnun, Shri Madhopur, Losal, Danta, Didwana, Ramgarh, Ringas, Chomun, Nagaur, Basni Belima, Mundwa, Kuchaman, Nawan, Jobner, Borawar, Makrana, Jaipur, Sambhar, Phulera, Kuchera, Naraina, Merta Road, Merta, Chaksu, Phalodi, Jaisalmer, Pokaran, Phalsund, Pipar, Pushkar, Ajmer, Kishangarh, Malpura, Nawai, Jodhpur, Bilara, Jaitaran, Nimaj, Nasirabad, Tonk, Beawar, Sarwar, Sojat, Raipur, Bijainagar, Kekri, Devli, Patodi, Samdari, Barmer, Balotra, Pali, Hurra, Asind, Shahpura, Naenwa, Lakheri, Siwana, Devgarh, Jahazpur, Bundi, Takhatgarh, Mandal, Bhilwara, Kapren, Jalor, Ahor, Khudala, Amet, Keshoraipatan, Kota, Anta, Mangrol, Sumerpur, Gangapur, Bali, Sadri, Bhinmal, Sheoganj, Begun, Kethun, Baran, Nathdwara, Chittaurgarh, Rawat Bhata, Sangod, Sirohi, Fatehnagar, Kapasan, Ramganj Mandi, Sanchor, Pindwara, Nimbahera, Chhabra, Mount Abu, Udaipur, Jhalawar, Chhipa Barod, Abu Road, Bhinder, Bari Sadri, Bhiwani Mandi, Jhalarapatan, Kanor, Aklera, Chhoti Sadri, Sunel, Salumbar, Pratapgarh, Dungarpur, Sagwara, Banswara

Scale 1:3 900 000 1 cm = 39 kms



TRANSPORT & TOURISM

TRANSPORT
- National Highways (with number)
- Other Roads
- Railway Lines

TOURISM
- Archaeological Site
- Historical Site
- Religious Centre
- Hill Station
- Holiday Resort
- Wildlife Sanctuary
- Lake/Reservoir

LOCATIONS
- State Headquarters
- Tourist Centre
- Other Towns
- District Headquarters (outside Rajasthan)

Scale 1:3 900 000 1 cm = 39 kms

AGRICULTURE

Parbati — Name of Irrigation Projects

Irrigated Area*
Wheat
Sugarcane
Other Crops

Baja
Barley
Jowar
Maize
Rice
Wheat
Chilli
Cotton
Garlic
Grape
Fruit
Jute/Mesta
Mango
Onion
Orange
Potato
Spices and Condiments
Tobacco
Vegetables
Groundnut
Oil Seeds
Pulses

CROP DATA:

FRUIT: LEMON: *Pipalda Taluk (Kota Dt.).*
MILLETS: BAJRA: *Churu, Jhunjhunun, Jodhpur and Sikar Districts.* MAIZE: *Dungarpur District.*
OILSEEDS: MUSTARD: *Jataran Taluk (Pali Dt.), Todabhim (Sawai Madhopur), Rajgarh, Alwar, Tijara (Alwar), Rajakhera (Bharatpur), Khetri (Jhunjhunun), Nohar (Ganganagar).* SESAMUM: *Aligarh (Tonk).*
PULSES: TUR DAL: *Baran Taluk (Kota Dt.), Tonk (Tonk), Raipur (Pali).* GRAM: *Nohar, Sadulsahar, Sangaria, Padampur, Anupgarh (Ganganagar), Taranagar, Churu (Churu), Chirawa (Jhunjhunun), Sri Madhopur (Sikar), Tijara, Rajgarh (Alwar), Deeg (Bharatpur), Nagaur (Nagaur), Kekri (Ajmer), Desuri (Pali), Sangod (Kota).*
SPICES & CONDIMENTS: CORIANDER: *Begun Taluk (Chittaurgarh Dt.).*
VEGETABLES: ROOT VEGETABLES: *Kishan Garh Bas Taluk (Alwar Dt.).*
OTHER CROPS: JUTE: *Nagaur District.*

NOTE:

* *Area covered by completed irrigation projects and projects nearing completion.*

1. *The colour scheme on the map indicates the major crop of each district (based on a comparison of the tonnages produced of the different crops in each district).*
2. *The colours used for each major crop appear in a darker and lighter shade. Those districts marked in the darker shade are major producers of the particular crop, while the districts marked in lighter shades produce comparatively less of the same crop, even though the crop is the major crop in that district.*
3. *The crop symbols overlaid show other important crops grown in each TALUK of the state.*

PUNJAB
HARYANA
DELHI
UTTAR PRADESH
MADHYA PRADESH
GUJARAT
PAKISTAN
RAJASTHAN
INDIA

Indra Gandhi Canal
Sahibi
Sota
Banganga
Dhund
Morel
Banas
Chambal
Parbati
Kali Sindh
Ahu
Luni
Sabarmati
Jakam
Mahi

Buchara
Jamwa Ramgarh
Kalak Sagar
Sainthalsagar
Chhaparwara
Jugger
Parbati Ramsagar
Moransagar
Nindar
Kalisil
Dhil Tank
Mashi
Morel
Tordisagar
Lassarla
Girinanda
Govindgarh Pisangan
Mansarowar
Galwa
Arwar
Sareri
Naharsagar
Hemawas
Bankli
Khari
Kalabhata
Meja
Atwara
Deoria
Bundiki
Gothra
Paibarapura
Umedsagar
Gudha Bhimlat
Jetpura
Kota Barrage
Kota Dam
Gopalpura
Umedsagar
Alnia
Ranapratapsagar
Chambal Stage II
Parwan
Bhimsagar
Kali Sindh
Saran Kheri
Manpura
Jawai
Bandi
Ora Angore
Sei
West Banas
Sukli
Namano Khari Feeder
Bagolia
Berach (Badgaon)
Wagan
Gambheri
Udaisagar
Orai
Gadola
Jakam Chaldu
Dewas
Jai Samand Kantri
Siwana
Lodisar Ka Naka
Mahi (Banswara)
Surwania

Scale 1:3 900 000 1 cm = 39 kms

INDUSTRIES & MARKETS

A Class Market
B Class Market
C Class Market
Major Industrial Centres
Other Industrial Centres
Beverage and Tobacco products
Chemical products and Pharmaceuticals
Food products
Leather Rubber and Plastic products
Textile Industry
Wood products
Electrical machinery
Metal products
Non-electrical machinery
Non-metallic products
Paper products
Transport equipment

Kesrisinghpur
Ganganagar
PUNJAB
HARYANA
DELHI
UTTAR PRADESH
Khetri
Nim Ka Thana
Alwar
Sikar
Didwana
Bharatpur
Jaipur
Jatwara
Gotan
Dhaulpur
RAJASTHAN
Ajmer
Jodhpur
Beawar
Tonko
Sawai Madhopur
Bijainagar
Pachpadra
INDIA
Pali
Raila
Lakheri
Jalor
Bhilwara
Kota
Parsoli
Ladpura
Kankroli
Chanberiya
Sirohi
Pindwara
Chittaurgarh
Shambhupura
Ramganj Mandi
Abu Road
Debari
Udaipur
Nimbahera
Bhawaniganj
Pachpahar
MADHYA PRADESH
GUJARAT
Banswarao
UTTAR PRADESH

Note:
District-wise market potential has been estimated on the basis of the following indicators: Area, Number of households, Population, Population growth rate, Sex ratio, Density of population, Male literacy, Female literacy, Urbanisation, Workforce, Number of traders, Bank offices/100,000 population, Per capita bank credit to agriculture, Per capita bank credit to industries, Total cropped area, Production of major crops, Number of motor vehicles, Post offices/100,000 population, Circulation of newspapers, Cinema houses/100,000 population, Number of radio sets, T.V. sets.

MINERALS

Asbestos
Barytes
Beryllium
Clay
Copper
Emerald
Feldspar
Garnet
Gypsum
Iron
Kyanite
Lead and Zinc
Lignite
Limestone
Manganese
Marbles
Mica
Salt
Silica Sand and Quartz
Steatite
Tungsten
Vermiculite

PUNJAB
GANGANAGAR
HARYANA
BIKANER
CHURU
JHUNJHUNUN
Jamsar
Khetri
UTTAR PRADESH
Palana
ALWAR
SIKAR
BHARATPUR
Bhadwasi
Nagaur
NAGAUR
Jamdoli
Chomun
Hatodi
JAISALMER
Makrana
JAIPUR
RAJASTHAN
DHAULPUR
PAKISTAN
JODHPUR
SAWAI MADHOPUR
TONK
AJMER
Chauth-Ka-Barwara
INDIA
PALI
Pratapgarh
BHILWARA
BUNDI
BARMER
JALOR
Bera
Kankroli
KOTA
SIROHI
CHITTAURGARH
UDAIPUR
Zawar
JHALAWAR
Rikhabdev
GUJARAT
DUNGARPUR
MADHYA PRADESH
BANSWARA
UTTAR PRADESH

Note:
1. *The town/village names on the map are major mining centres of the mineral/minerals indicated alongside the town/village name.*
2. *All other mineral symbols are located in the taluks/tahsils where the respective minerals are mined.*

Scale 1:5 300 000 1 cm = 53 kms

ECONOMIC DEVELOPMENT

ESTIMATED INDEX OF LEVELS OF ECONOMIC DEVELOPMENT — 1989

AVERAGE

All India 100 →

State 55 →

100—150

75—100

50—75

25—50

PALI — Other Districts

Tonk — Notified Backward Districts

PUNJAB

GANGANAGAR

HARYANA

DELHI

UTTAR PRADESH

BIKANER

Churu

Jhunjhunun

Sikar

Alwar

BHARATPUR

PAKISTAN

Jaisalmer

Nagaur

JAIPUR

Jodhpur

DHAULPUR

SAWAI MADHOPUR

AJMER

Tonk

PALI

Barmer

Bhilwara

BUNDI

KOTA

Jalor

Sirohi

Udaipur

CHITTAURGARH

Jhalawar

UTTAR PRADESH

GUJARAT

Dungarpur

Banswara

MADHYA PRADESH

R A J A S T H A N

I N D I A

Note:
The levels of economic development are based on the following indicators: Per capita value of output of major crops, Per capita bank credit to agriculture, Number of mining and factory workers per 100,000 population, Number of households of manufacturing workers per 100,000 population, Per capita bank credit for manufacturing sector, Per capita bank deposits, Per capita bank credit to services, Literacy and Urbanisation.

MASS COMMUNICATION

ESTIMATED POPULATION COVERED BY T.V. CENTRE — 1986 (in million)

5—10

0.5—1

0—0.5

● T.V. & Radio Centre

● T.V. Centre

Ganganagar

Suratgarh

Bikaner

N.A. Khetri

Alwar

Nagaur N.A.

Jaisalmer

Jaipur

Ajmer

Jodhpur

Barmer

Bhilwara

Kota

Chittaurgarh N.A.

Udaipur

Dungarpur N.A.

Banswara

CITIES WITH 100 OR MORE PERIODICALS — 1985
(language-wise)

City	English	Hindi	Others	Total
Jaipur	25	351	60	436

Station → Shade indicates population covered by T.V. Centre

Station — Range 2000 sq. kms.

N, W, E, S — Station — Furthest distance covered by Radio in 1984 (N.E.W.S.) in km.

Scale 1 cm. = 53 kms.

Scale 1:5 300 000 1 cm = 53 kms

PHYSICAL

ALTITUDE SCALE

6000 m
4500
3000
1800
1350
900
600

CHINA
TIBET
Pauhunri
Jongsong
Lhonak
Lachung Chu
Pyramid
KANCHENJUNGA HIMALS
G R E A T H I M A L A Y A
Lama Anden
Siniolchu
NEPAL
Kabru
S I K K I M
Pandim
Latong Tenga
Mersingh
CHINA
TIBET
S I K K I M
L E S S E R H I M A L A Y A
EASTERN HIMALAYA
Lampheram
Singalila
Rinchingpong
Rangit
Tendong
Katak Gompa
Tai Danda
Chakung
Tista
BHUTAN
WEST BENGAL

ADMINISTRATION

International Boundary
State Boundary
District Boundary
State Capital
District Headquarters

POPULATION

ESTIMATED RURAL POPULATION DENSITY – 1989 (Persons/sq km, District-wise)

101–150
51–100
1–50

ESTIMATED TOWN POPULATION – 1989 (in thousands)

★ 50–100

Note:
The population symbols also indicate the location of the respective towns

CHINA
TIBET
NORTH SIKKIM
NEPAL
S I K K I M
TIBET
CHINA
Mangan
WEST SIKKIM
GANGTOK
EAST SIKKIM
Gyalshing
SOUTH SIKKIM
Namchi
BHUTAN
WEST BENGAL

Scale 1:650 000 1 cm = 6.5 kms

TRANSPORT & TOURISM

A

TRANSPORT

National Highways (with number)

Other Roads

TOURISM

Historical Site

Religious Centre

Wildlife Sanctuary

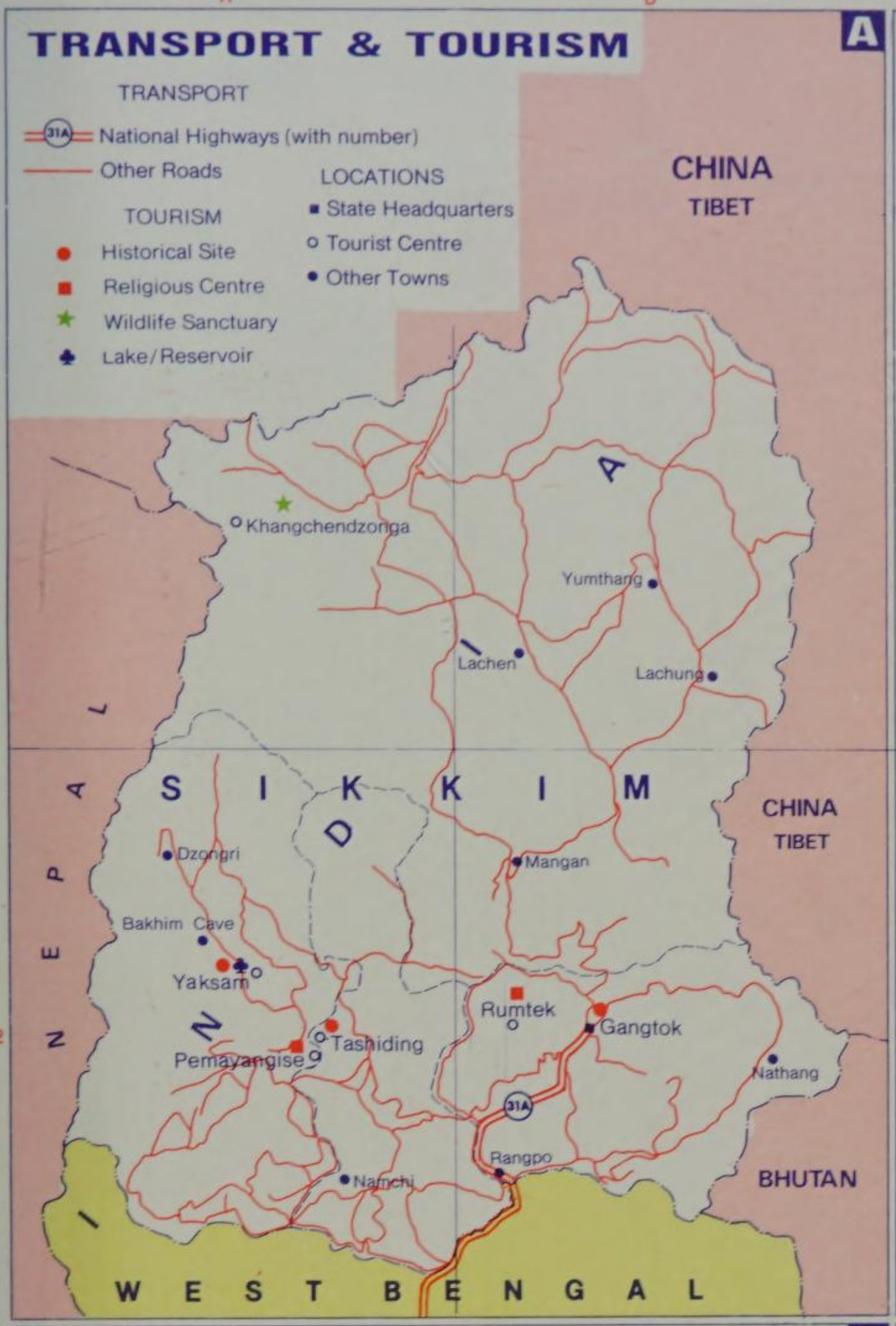
Lake/Reservoir

LOCATIONS

State Headquarters

Tourist Centre

Other Towns



INDUSTRIES & MARKETS

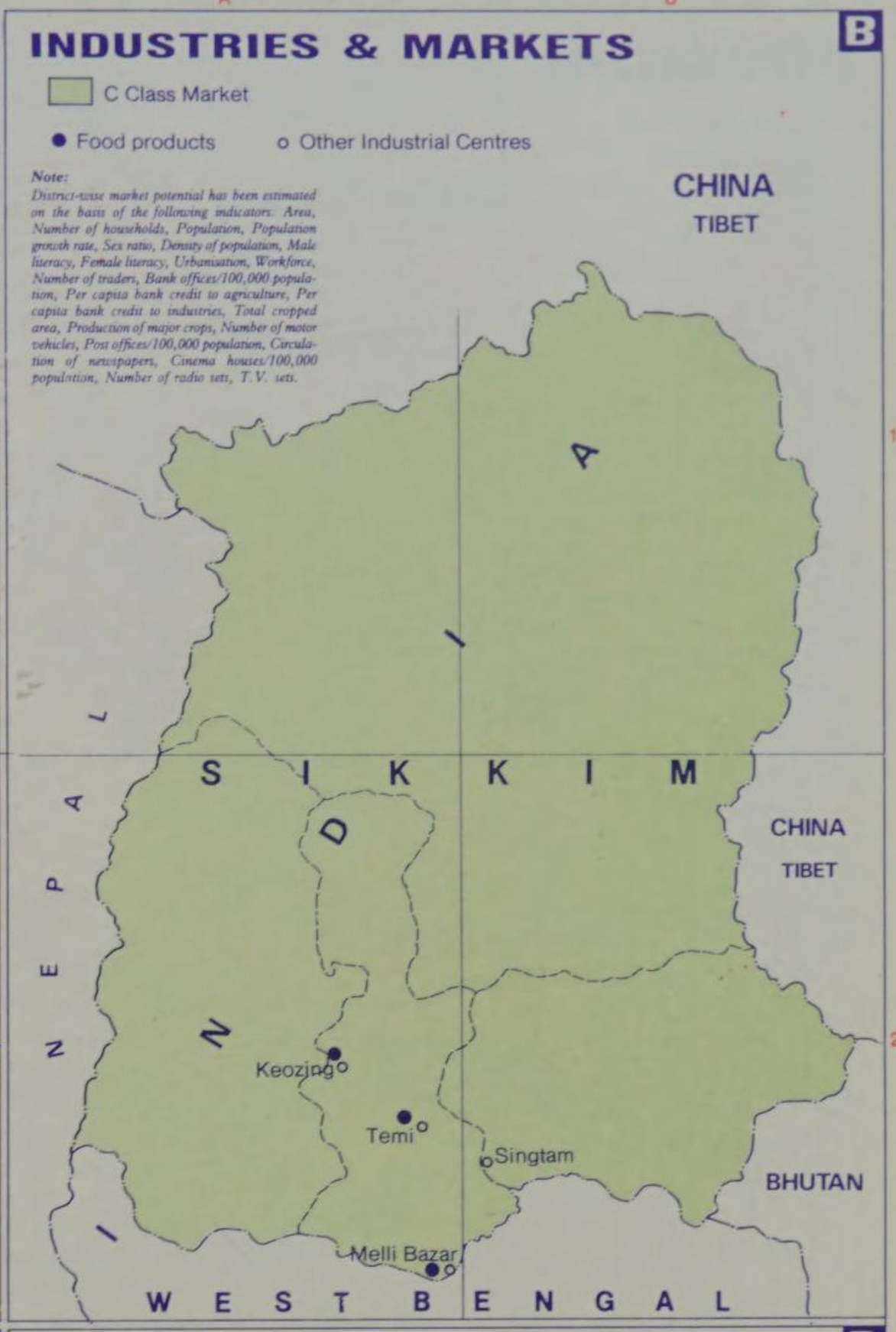
B

C Class Market

Food products

Other Industrial Centres

Note:
District-wise market potential has been estimated on the basis of the following indicators: Area, Number of households, Population, Population growth rate, Sex ratio, Density of population, Male literacy, Female literacy, Urbanisation, Workforce, Number of traders, Bank offices/100,000 population, Per capita bank credit to agriculture, Per capita bank credit to industries, Total cropped area, Production of major crops, Number of motor vehicles, Post offices/100,000 population, Circulation of newspapers, Cinema houses/100,000 population, Number of radio sets, T.V. sets.



ECONOMIC DEVELOPMENT

C

ESTIMATED INDEX OF LEVELS OF ECONOMIC DEVELOPMENT — 1989

AVERAGE

All India 100

State 18 →

25—50

0—25

North Sikkim — Notified Backward Districts

Note:
The levels of economic development are based on the following indicators: Per capita value of output of major crops, Per capita bank credit to agriculture, Number of mining and factory workers per 100,000 population, Number of households of manufacturing workers per 100,000 population, Per capita bank credit for manufacturing sector, Per capita bank deposits, Per capita bank credit to services, Literacy and Urbanisation.

MASS COMMUNICATION

D

ESTIMATED POPULATION COVERED BY T.V. CENTRE— 1986 (in million)

0—0.5

T.V. & Radio Centre

Shade indicates population covered by T.V. Centre

Station

Range 300 sq. kms

N

W Station E

S

Furthest distances covered by Radio in 1984 (N.E.W.S.) in Km

1 cm. = 10 kms.

Scale 1:1 000 000 1 cm = 10 kms

TAMIL NADU

PHYSICAL

ALTITUDE SCALE

3000 m
1800
1350
900
600
300
150
0 Sea Level
75
300

KARNATAKA
ANDHRA PRADESH
TAMIL NADU
KERALA
PONDICHERRY (PUDUCHCHERI)
KARAIKAL (PONDICHERRY)
SRI LANKA
INDIA
INDIAN OCEAN
Bay of Bengal
Palk Strait
Palk Bay
Gulf of Mannar
Lakshadweep Sea

Papagni
Bahuda
Punchu
Pulicat Lake
Satyamurti Sagar
Puzhal Lake
Palar
Chevyar
Krishnagiri
ELAGIRI HILLS
JAVADI HILLS
Chinnar
Guttirayan
Kaveri (Cauvery) Falls
Kabani or Kapila
Hogenakal Falls
Sattanur
GINGEE HILLS
Kaliveli Tank
Bodamalai Betta
Stanley
SHEVAROY HILLS
CHITTERI HILLS
KALRAYAN HILLS
Ponnaiyar
Gadilam
Uruga Malai
Perumal Eri
Pykara
Rangaswami Betta
NILGIRI HILLS
Doda Betta
Bhavanisagar
Makurti Lake
Upper Bhavani
KUNDA HILLS
Pakasura
Bhavani
LOWER CAUVERY PLAIN
Kaveri (Cauvery)
KOLLAI MALAI
PACHCHAIMALAI
Willingdon
Viranam Eri
Kollidam
CAUVERY DELTA
Malampuzha
Amaravati
Peechi
Perumkundru Malai
Aliyar
Parambikolam
ANAIMALAI HILLS
Paringalkuthu
Periyar
Bhutattanbettu
Vembadi Shola
PALANI HILLS
Perumal Malai
SIRUMALAI
KARANDAMALAI
Vallar
Point Calimere
Manimuttar
Varshalei
KAMBAM VALLEY
Suruli
UPPER VAIGAI VALLEY
ANDIPPATI HILLS
VARUSHANAD HILLS
Saduragiri
LOWER VAIGAI PLAIN
Gundaar
Vaigai
Arjuna
Vaippar
Pamban Island
Musal Tivu
Appa Tivu
Talairi Tivu
Nalla Tanni Tivu
Vilangu Shuli Island
Uppu Tanni Tivu
Van Tivu
Vembanad Lake
Periyar Lake
Kakki
Kallada
AGASTYA MALAI
Tambraparni
Kodayar Lake
Cape Comorin
SRI LANKA

78° 80° A B C 1 2 3 4 8° 10° 12°

Scale 1:2 300 000 1 cm = 23 kms

ADMINISTRATION

State Boundary
District Boundary
Taluk Boundary
State Capital
District Headquarters
Taluk Headquarters

ANDHRA PRADESH
KARNATAKA
KERALA
PONDICHERRY (PUDUCHCHERI)
INDIA
Bay of Bengal
Palk Strait
Palk Bay
Gulf of Mannar
Lakshadweep Sea
INDIAN OCEAN
SRI LANKA

Hosur
Denkanikota
Krishnagiri
Vaniyambadi
Arani
Tiruvettipuram (CHEYYAR)
Uttiramerur
Chengalpattu
Madurantakam
Tiruppattur
Polur
Vandavasi
Chengam
Tiruvannamalai
Gingee
Tindivanam
Patakkodu
Uttangarai
Pennagaram
Harur
Vanur
Tirukkovilur
Viluppuram
Mettur
Omalur
Yercaud
Kallakkurichchi
Panruti
Cuddalore
Ulundurpettai
Salem
Attur
Vriddhachalam
Gudalur
Satyamangalam
Sankaridrug
Udagamandalam
Kotagiri
Gopichettipalaiyam
Bhavani
Rasipuram
Tittagudi
Chidambaram
Coonoor
Tiruchengodu
Mettuppalaiyam
Perundurai
Erode
Namakkal
Perambalur
Jayamkondacholapuram (UDAIYARPALAIYAM)
Mannargudi (KATTUMANNAR KOIL)
Sirkazhi
Avanashi
Turaiyur
Ariyalur
Mayiladuturai
Tarangambadi
Coimbatore
Palladam
Kangayam
Karur
Musiri
Kumbakonam
Tiruvidaimarudur
Kulittalai
Lalgudi
Papanasam
Valangiman
Nannilam
Thiruvaiyaru
Kudavasal
Tiruchchirappalli
Nidamangalam
Nagappattinam
Thanjavur
Thiruvarur
Dharapuram
Pollachi
Orattanadu
Mannargudi
Manapparai
Udumalaippettai
Vedasandun
Kiranur (KULATTUR)
Gandarvakottai
Tirutturaippundi
Palani
Pattukkottai
Valparai
Dindigul
Pudukkottai
Alangudi
Peravurani
Vedaranniyam
Kodaikanal
Nattam
Tirumayam
Arantangi
Periyakulam
Nilakkottai
Tiruppattur
Karaikkudi
Avadaiyarkovil
Melur
Usilampatti
Madurai
Devakottai
Tirumangalam
Uttamapalaiyam
Manamadurai
Ilaiyankudi
Tiruvadanai
Virudunagar
Aruppukkottai
Tiruchuli
Srivilliputtur
Paramakkudi
Rajapalaiyam
Sattur
Kamudi
Ramanathapuram
Sivagiri
Mudukulattur
Rameswaram
Sankarankovil
Vilettikulam
Kovilpatti
Sengottai
Tenkasi
Ottappidaram
Tuticorin
Tirunelveli
Palayamkottai
Ambasamudram
Srivaikuntam
Nanguneri
Tiruchchendur
Sattankulam
Kuzhitturai (VILAVANKOD)
Bhutapandi (TOVALA)
Radhapuram
Takkalai (KALKULAM)
Nagercoil (AGASTISWARAM)

DHARMAPURI
SOUTH ARCOT
SALEM
NILGIRI
PERIYAR
TAMILNADU
TIRUCHCHIRAPPALLI
COIMBATORE
TIRUVANNAMALAI
SAMBUVARAYAR
MADRAS
CHENGAI ANNA
AMBEDKAR
KARAIKAL (PONDICHERRY)
QUAID-E-MILLETH
PUDUKKOTTAI
MADURAI
PASUMPON THEVAR THIRUMAGAN
Sivaganga
KAMARAJAR
RAMANATHAPURAM
CHIDAMBARANAR
NELLAI KATTABOMMAN
KANNIYAKUMARI
THANJAVUR

Note:
Most taluks take their names from their headquarters. Where headquarters and taluks have the same names, only the headquarters have been located on the map. Where their names are different, the taluk's name is placed below the headquarters' location in brackets.

Scale 1:2 300 000 1 cm = 23 kms

POPULATION

ESTIMATED RURAL POPULATION DENSITY-1989 (Persons/sq km, District-wise)

- Above 1000
- 501—1000
- 301—500
- 201—300
- 151—200
- Urban

Note:
The population symbols also indicate the location of the respective towns/villages.

ESTIMATED TOWN/VILLAGE POPULATION — 1989 (in thousands)

- OVER 1,000
- 500—1,000
- 250—500
- 100—250
- 50—100
- 20—50
- 10—20

Pallapatti — Town
Adavattur — Village

MAJOR CITIES — 1989

Towns with more than 250,000 population (Estimated in thousands)

Madras	5,471
Madurai	1,101
Coimbatore	1,094
Tiruchchirappalli	758
Salem	613
Erode	412
Tirunelveli	380
Tuticorin	326
Vellore	323
Tiruppur	290

ANDHRA PRADESH
KARNATAKA
KERALA
TAMIL NADU
PONDICHERRY (PUDUCHCHERI)
KARAIKAL (PONDICHERRY)
INDIA
Bay of Bengal
Palk Strait
Palk Bay
Gulf of Mannar
Lakshadweep Sea
INDIAN OCEAN

NAMES FOR LOCATIONS NUMBERED ON THE MAP

TIRUCHCHIRAPALLI
1. *Uppidamangalam*
2. *Krishnarayapuram*
3. *Mahadanapuram*

THANJAVUR
4. *Tirukkattupalli*

COIMBATORE
5. *Samalapuram*

KAMARAJAR
6. *Sundarapandiyam*

Scale 1:2 300 000 1 cm = 23 kms

TRANSPORT & TOURISM

TRANSPORT

- National Highways (with number)
- Other Roads
- Railway Lines
- Seaport

TOURISM

- Archaeological Site
- Historical Site
- Religious Centre
- Hill Station
- Holiday Resort
- Wildlife Sanctuary
- Beach
- Lake/Reservoir

LOCATIONS

- State Headquarters
- Tourist Centre
- Other Towns
- District Headquarters (outside Tamil Nadu)

ANDHRA PRADESH
KARNATAKA
TAMIL NADU
KERALA
PONDICHERRY (PUDUCHCHERI)
KARAIKAL (PONDICHERRY)
INDIA
SRI LANKA
Bay of Bengal
Palk Strait
Palk Bay
Gulf of Mannar
Lakshadweep Sea
INDIAN OCEAN
Pulicat
Tiruttani
Chittoor
Kolar
Bangalore
Arakkonam
MADRAS
Sriperumbudur
Guindy N.P.
Gudiyattam
Vellore
Ranippettai
Kanchipuram
Thiruvanmiyur
Covelong
Hosur
Arani
Chengalpattu
Tirukkalukkunram
Mamallapuram
Krishnagiri
Jolarpettai
Tiruppattur
Vandavasi
Vedantangal
Chetput
Tiruvannamalai
Gingee
Tindivanam
Marakkanam
Hogenakal Falls
Dharmapuri
Sattanur
Harur
Thiruvakkarai
Tirukkovilur
Viluppuram
Auroville
Stanley
Mettur
Yercaud
Omalur
Salem
Panruti
Cuddalore
Ulundurpettai
Mudumalai
Satyamangalam
Attur
Neyveli
Gudalur
Kotagiri
Bhavani
Bhavani Sagar
Vriddhachalam
Parangippettai
Udagamandalamo (Ooty)
Coonoor
Erode
Tiruchengodu
Chidambaram
Pichavaram
Mettuppalaiyam
Avanashi
Namakkal
Perambalur
Turaiyur
Tiruppur
Poompuhar
Mayiladuturai
Tarangambadi
Coimbatore
Kangayam
Karur
Musiri
Kumbakonam
Swamimalai
Thiruvaiyaru
Nachiarkoil
Srirangam
Tiruchchirappalli
Nagore
Nagappattinam
Velanganni
Aravakkurichchi
Dharapuram
Thanjavur
Thiruvarur
Mannargudi
Palghat
Pollachi
Udumalaippettai
Anaimalai
Viralimalai
Kiranur
Trichur
Palani
Pattukkottai
Alangudi
Pudukkottai
Vedaranniyam
Kodaikkarai
Kodaikanal
Vattalkundu
Alagar Kovil
Melur
Tiruppattur
Karaikkudi
Ernakulam
Bodinayakkanur
Teni
Usilampatti
Madurai
Devakottai
Painavu
Thirupparankundram
Sivaganga
Tirumangalam
Tondi
Kottai Malai
Manamadurai
Kottayam
Virudunagar
Alleppey
Srivilliputtur
Sivakasi
Aruppukkottai
Ramanathapuram
Mudukulattur
Rameswaram
Kurusadai
Sankarankovil
Kovilpatti
Ettaiyapuram
Kurukkuchalai
Tenkasi
Quilon
Kuttalam
Tuticorin
Tirunelveli
Palayankottai
Mundanthurai
Trivandrum
Nanguneri
Tiruchchendur
Padmanabhapuram
Nagercoil
Suchindram
Kanniyakumari
Cape Comorin

Scale 1:2 300 000 1 cm = 23 kms

AGRICULTURE

Irrigated Area* Mettur – Name of Irrigation Projects

Rice | Sugarcane | Other Crops

Maize, Ragi, Rice, Arecanut, Banana, Betel Leaf, Cashewnut, Chilli

Coffee, Cotton, Grape, Mango, Onion, Potato, Spices and Condiments, Sugarcane

Tea, Tobacco, Vegetables, Coconut, Groundnut, Oil Seeds, Pulses

NOTE:

* *Area covered by completed irrigation projects and projects nearing completion.*

1. *The colour scheme on the map indicates the major crop of each district (based on a comparison of the tonnages produced of the different crops in each district).*
2. *The colours used for each major crop appear in a darker and lighter shade. Those districts marked in the darker shade are major producers of the particular crop, while the districts marked in lighter shades produce comparatively less of the same crop, even though the crop is the major crop in that district.*
3. *The crop symbols overlaid show other important crops grown in each TALUK of the state.*

ANDHRA PRADESH
Papagni
Bahuda
Punchu
Vallur
Satyamurti Sagar
Pulal Lake
Palar
Kelavarapalli
Chinnar
Krishnagiri
Barur
Pambar
Thandarai Anicut
Cheyyar
Ichambadi Anicut Scheme
Sathanur
Ponnaiyar
Kaliveli Tank
Vidur
Stanley Reservoir
Thoppaiyar
Mettur
Thirukkovilur Anicut
PONDICHERRY (PUDUCHCHERI)
Manimukta
Gomukhi
Mehamathur Anicut
Vriddhachalam Anicut
Lower Bhavani
Pykara Reservoir
Bhavanisagar
Kodiveri
Kaveri (Cauvery)
Bhavani
Shitlatope Anicut
Pelandurai Anicut
Bay of Bengal
T A M I L N A D U
Lower Coleroon Anicut
Kollidam
Nandiyar
Malampuzha Reservoir
Parambikulam Aliyar
Amaravati
Kattalai
Upper Anicut
KARAIKAL (PONDICHERRY)
Cauvery Delta
Grand Anicut
I N D I A
Parappalar
Kodaganar
Thirumurthi
Aliyar
Amaravathi
Varadhamanadhi
Cauvery Mettur
Vallar
Periyar
Vaigai
Manimuttar
Modernisation of Periyar Vaigai Irrigation System
Suruli
Palk Strait
KERALA
Vembanad Lake
Periyar Lake
Pilavukkal
Gunnar
Arjuna
Vembakottai
Vaippar
Vaippar anicut
Karuppanadi
Kallada
Palk Bay
Ramanadi
Chittar
Tambraparni
Marudur Anicut
Manimuthar
Srivaikuntam Anicut
Kodaiyar
Lakshadweep Sea
Gulf of Mannar
SRI LANKA
INDIAN OCEAN

CROP DATA:

OILSEEDS: GINGELLY: *Denkanikota Taluk (Dharmapuri Dt.)*

PULSES: BLACK GRAM: *Chidambaram Taluk (South Arcot Dt.), Mayiladuturai, Mannargudi, Thiruvarur, Tirutturaippundi (Thanjavur), Lalgudi (Tiruchchirappalli);* GREEN GRAM: *Chidambaram Taluk (South Arcot Dt.), Mannargudi, Thiruvarur, Tirutturaippundi (Thanjavur)*

SPICES & CONDIMENTS: CARDAMOM: *Uttamapalaiyam Taluk (Madurai Dt.);* TURMERIC: *Karur Taluk (Tiruchchirappalli Dt.)*

VEGETABLES: TOMATO: *Nilakkottai Taluk (Madurai Dt.)*

OTHER CROPS: POTATO: *Nilgiri District;* TAPIOCA: *Kanniyakumari, Salem Districts.*

78° 80° A B C 1 2 3 4 8° 10° 12°

Scale 1:2 300 000 1 cm = 23 kms

INDUSTRIES & MARKETS

A Class Market | B Class Market | C Class Market

- Major Industrial Centres
- Other Industrial Centres
- ▲ Beverage and Tobacco products
- ⊙ Chemical products and Pharmaceuticals
- ● Food products
- ♦ Leather, Rubber and Plastic products
- ★ Textile Industry
- ■ Wood products
- ★ Electrical machinery
- ▲ Metal products
- ♦ Non-electrical machinery
- ■ Non-metallic products
- ● Paper products
- ⊙ Transport equipment

NAMES FOR LOCATIONS NUMBERED ON THE MAP

1 Tiruvottiyur ★▲♦●⊙
2 Kathirvedu ●
3 Guindy ♦●
4 Porur ■
5 Pallavaram ■■
6 Padi ⊙♦■

ANDHRA PRADESH

KARNATAKA

TAMIL NADU

KERALA

PONDICHERRY (PUDUCHCHERI)

KARAIKAL (PONDICHERRY)

Elavuro, Gummidipundi, Ennore, Manali, Avadi, Puzhal, Tiruvallur, Tiruninravur, Arakkonam, Madras, Ambattur, Saidapet, Katpadi, Ranippettai, Walajapet, Chromepet, Perungudi, Thoraipakkam, Perungalathur, Hosur, Krishnagiri, Palakkodu, Dharmapuri, Tindivanam, Mundiyampakkam, Viluppuram, Nellikkuppam, Cuddalore, Metturdam, Suramangalam, Salem, Satyamangalam, Udagamandalam, Kotagiri, Wellington, Appakudal, Sirumugai, Mettuppalaiyam, Karamadai, Sankari Drug, Pallipalayam, Neyveli, Vadalur, Vriddhachalam, Perambalur, Ariyalur, Paluvur, Tudiyalur, Upplipalaiyam, Peelamedu, Tiruppur, Coimbatore, Palladam, Singanallur, Kuniyamuttur, Madukkarai, Mohanur, Pugalur, Kattuputtur, Mayanur, Tiruchchirappalli, Ponmalai, Thanjavur, Nagappattinam, Kulattur, Manaparai, Viralimalai, Udumalaippettai, Anamalai, Pulankinar, Kalyamputhur, Vedasandur, Dindigul, Pudukkottai, Perungudi, Vedaranniyam, Kodaikanal, Nilakkottai, Chettinad, Paravai, Koviloor, Cholavandan, Madurai, Kappalur, Highwavy, Virudunagar, Kamudakudi, Rajapalaiyam, Sivakasi, Kovilpatti, Alangulam, Valinokkam, Sengottai, Alangulam, Sankarnagar, Tirunelveli, Tuticorin

Bay of Bengal | Palk Strait | Palk Bay | Gulf of Mannar | Lakshadweep Sea | INDIAN OCEAN | SRI LANKA

Note:
District-wise market potential has been estimated on the basis of the following indicators: Area, Number of households, Population, Population growth rate, Sex ratio, Density of population, Male literacy, Female literacy, Urbanisation, Workforce, Number of traders, Bank offices/100,000 population, Per capita bank credit to agriculture, Per capita bank credit to industries, Total cropped area, Production of major crops, Number of motor vehicles, Post offices/100,000 population, Circulation of newspapers, Cinema houses/100,000 population, Number of radio sets, T.V. sets.

Scale 1:2 300 000 1 cm = 23 kms

MINERALS

- Asbestos
- Barytes
- Bauxite
- Beryllium
- Chromium
- Clay
- Copper
- Corundum
- Dolomite
- Feldspar
- Garnet
- Glass Sand
- Gold
- Graphite
- Gypsum
- Iron
- Kaolin
- Lignite
- Lime Stone
- Magnesite
- Mica
- Monozite
- Ochres
- Phosphate
- Petroleum
- Steatite

ANDHRA PRADESH
KARNATAKA
MADRAS
AMBEDKAR
CHENGAI ANNA
Krishnagiri
DHARMAPURI
TIRUVANNAMALAI SAMBUVARAYAR
Dharmapuri
Omalur
SOUTH ARCOT
Bay of Bengal
Gudalur
NILGIRI
Gopichettipalayam
SALEM
Namakkal
PERIYAR
T A M I L N A D U
COIMBATORE
Combatore
TIRUCHCHIRAPPALLI
THANJAVUR
I N D I A
QUAID-E-MILLETH
PUDUKKOTTAI
PASUMPON THEVAR THIRUMAGAN
Palk Strait
KERALA
MADURAI
Sivaganga
Palk Bay
KAMARAJAR
RAMANATHAPURAM
CHIDAMBARANAR
NELLAI
Gulf of Mannar
KATTABOMMAN
SRI LANKA
KANNIYAKUMARI
Lakshadweep Sea
INDIAN OCEAN

Note:

1. *The town/village names on the map are major mining centres of the mineral/minerals indicated alongside the town/village name.*
2. *All other mineral symbols are located in the taluks/tahsils where the respective minerals are mined.*

ECONOMIC DEVELOPMENT

ESTIMATED INDEX OF LEVELS OF ECONOMIC DEVELOPMENT — 1989

AVERAGE
State 135 →
All India 100 →

- Over 200
- 150—200
- 100—150
- 75—100
- 50—75

SALEM — Other Districts
Madurai — Notified Backward Districts

ANDHRA PRADESH
MADRAS
AMBEDKAR
CHENGAI ANNA
Dharmapuri
TIRUVANNAMALAI SAMBUVARAYAR
KARNATAKA
South Arcot
Bay of Bengal
NILGIRI
SALEM
PERIYAR
T A M I L N A D U
COIMBATORE
Tiruchchirappalli
Thanjavur
I N D I A
QUAID-E-MILLETH
Pudukkottai
Pasumpon Thevar Thirumagan
Palk Strait
KERALA
Madurai
Palk Bay
Kamarajar
Ramanathapuram
CHIDAMBARANAR
NELLAI
Gulf of Mannar
KATTABOMMAN
SRI LANKA
Lakshadweep Sea
Kanniyakumari
INDIAN OCEAN

Note:
The levels of economic development are based on the following indicators: Per capita value of output of major crops, Per capita bank credit to agriculture, Number of mining and factory workers per 100,000 population, Number of households of manufacturing workers per 100,000 population, Per capita bank credit for manufacturing sector, Per capita bank deposits, Per capita bank credit to services, Literacy and Urbanisation.

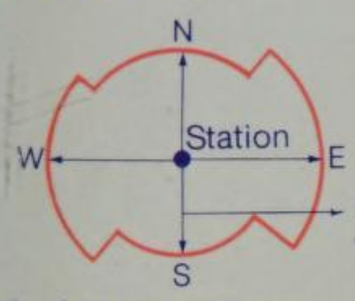
Scale 1:3 300 000 1 cm = 33 kms

MASS COMMUNICATION

ESTIMATED POPULATION COVERED BY T.V. CENTRE — 1986 (in million)

- Over 15
- 5—10
- 1—5
- 0.5—1

- T.V. & Radio Centre
- T.V. Centre
- ★ Radio Centre



Scale 1 cm = 23 kms.

CITIES WITH 100 OR MORE PERIODICALS — 1985
(language-wise)

City	English	Hindi	Tamil	Others	Total
Madras	236	10	526	142	914

ANDHRA PRADESH
Vellore
Madras
N.A. Dharmapuri
KARNATAKA
PONDICHERRY (PUDUCHCHERI)
Salem
Neyveli
Bay of Bengal
I N D I A
Coimbatore
T A M I L N A D U
Kumbakonam
Tiruchchirappalli
KARAIKAL (PONDICHERRY)
Kodaikkanal
Palk Strait
KERALA
Palk Bay
Tirunelveli
Gulf of Mannar
SRI LANKA
Lakshadweep Sea
N.A. Nagercoil
INDIAN OCEAN

Scale 1:2 300 000 1 cm = 23 kms

TRIPURA

PHYSICAL

A

Manu

Hail Haor

BANGLADESH

ASSAM

S

Deo

LANSTARA RANGE

ATHARA MURA

TRIPURA

SAKHAN TIANG

JAMPAI TIANG

HARA RANGE

MIZORAM

INDIA

Titas

Gumti

Jari Mura

Gumti

BANGLADESH

Muhari

BANGLADESH

ALTITUDE SCALE

600 m
300
150
0

ADMINISTRATION

B

Note:
Most taluks take their names from their headquarters. Where headquarters and taluks have the same names, only the headquarters have been located on the map. Where their names are different, the taluk's name is placed below the headquarters' location in brackets.

BANGLADESH

Dharmanagar

ASSAM

Kumarghat

Khowai

Salema

Kanchanpur

NORTH TRIPURA

TRIPURA

WEST TRIPURA

AGARTALA

Teliamura

MIZORAM

INDIA

Bishalgarh

Udaipur

Amarpur

Melaghar

Dumbur

SOUTH TRIPURA

BANGLADESH

BANGLADESH

International Boundary
State Boundary
District Boundary
State Capital
District Headquarters
Taluk Headquarters

POPULATION

C

The population symbols also indicate the location of the respective towns.

BANGLADESH

Dharmanagar

Kailasahar

ASSAM

Khowai

TRIPURA

Agartala

MIZORAM

INDIA

Udaipur

Amarpur

Belonia

BANGLADESH

ESTIMATED RURAL POPULATION DENSITY – 1989 (Persons/sq km, District-wise)

501 – 1000
151 – 200
51 – 100

ESTIMATED TOWN POPULATION – 1989 (in thousands)

100 – 250
20 – 50
10 – 20

TRANSPORT & TOURISM

D

BANGLADESH

Dharmanagar

Kailashahar

ASSAM

Unakoti

Fankusi

Damchera

Kamalpur

Kumarghat

Halhali

Khowai

Kanchanpur

Salema

Manu

Narayanpur

Sidhai

Ambasa

TRIPURA

Agartala

Jampai

Ompi

Gunamanipara

Rabiraipara

MIZORAM

INDIA

Sipahijala

Ampi Bazar

Barjala

Kalemchara

Udaipur

Amarpur

Sonamura

Dumbur

Jatrapur

Dumbur Hydel Project

Kathalia

Tirthamukh

Belonia

Lungthung

BANGLADESH

Puran Rajbari

Manu Bazar

Sabrum

TRANSPORT

National Highways (with number)
Other Roads
Railway Lines

TOURISM

Historical Site
Religious Centre
Hill Station
Lake/Reservoir

LOCATIONS

State Headquarters
Tourist Centre
Other Towns

Scale 1:1 200 000 1 cm = 12 kms

A — AGRICULTURE

Rice
Irrigated Area*
Khowai – Name of Irrigation Projects
Cotton
Jute/Mesta
Tea
Tobacco
Oil Seeds

BANGLADESH
ASSAM
MIZORAM
Kailashahar
Khowai
Tilla
Deo
Gumti
Gumti
Muhari
T R I P U R A
I N D I A
BANGLADESH
B A N G L A D E S H

NOTE:
* *Area covered by completed irrigation projects and projects nearing completion.*
1. *The colour scheme on the map indicates the major crop of each district (based on a comparison of the tonnages produced of the different crops in each district).*
3. *The crop symbols overlaid show other important crops grown in each TALUK of the state.*

B — INDUSTRIES & MARKETS

C Class Market
Chemical products and Pharmaceuticals
Food products
Leather, Rubber and Plastic products
Wood products
Metal products

BANGLADESH
ASSAM
MIZORAM
Agartala
Udaipur
T R I P U R A
I N D I A
BANGLADESH
B A N G L A D E S H

Note:
District-wise market potential has been estimated on the basis of the following indicators: Area, Number of households, Population, Population growth rate, Sex ratio, Density of population, Male literacy, Female literacy, Urbanisation, Workforce, Number of traders, Bank offices/100,000 population, Per capita bank credit to agriculture, Per capita bank credit to industries, Total cropped area, Production of major crops, Number of motor vehicles, Post offices/100,000 population, Circulation of newspapers, Cinema houses/100,000 population, Number of radio sets, T.V. sets.

C — ECONOMIC DEVELOPMENT

ESTIMATED INDEX OF LEVELS OF ECONOMIC DEVELOPMENT – 1989
AVERAGE
All India 100
State 52 →
75–100
50–75
25–50
North Tripura – Notified Backward Districts

BANGLADESH
ASSAM
MIZORAM
North Tripura
West Tripura
South Tripura
T R I P U R A
I N D I A
BANGLADESH

Note:
The levels of economic development are based on the following indicators: Per capita value of output of major crops, Per capita bank credit to agriculture, Number of mining and factory workers per 100,000 population, Number of households of manufacturing workers per 100,000 population, Per capita bank credit for manufacturing sector, Per capita bank deposits, Per capita bank credit to services, Literacy and Urbanisation.

D — MASS COMMUNICATION

ESTIMATED POPULATION COVERED BY T.V. CENTRE – 1986
(in million)
1–5
T.V. & Radio Centre

BANGLADESH
ASSAM
MIZORAM
Agartala
T R I P U R A
I N D I A
BANGLADESH
Shade indicates population covered by T.V. Centre
Station
Range
500 sq. kms.
N
W
Station
E
S
Furthest distances covered by Radio in 1984 (N.E.W.S.) in km
1 cm. = 12 kms.

Scale 1:1 200 000 1 cm = 12 kms

UTTAR PRADESH

PHYSICAL

ALTITUDE SCALE

7500 m
6000
4500
3000
1800
1350
900
600
300
150

JAMMU AND KASHMIR
HIMACHAL PRADESH
CHINA
TIBET
NEPAL
HARYANA
DELHI
RAJASTHAN
BIHAR
UTTAR PRADESH
MADHYA PRADESH
INDIA

Thaga La Pass (Shangyak La)
Mana Pass
Satluj or Langchen Khambab
Rakas Lake
Manasarowar Lake
Niti Pass
Marhi La (Moru La)
Kiogad Pass
Kungribingri Pass
Mangsha Dhura (Mangsya La)
Lipu Lekh Pass
Sargaroin
Srikanta
Satopanth
Kamet
Bandarpunch
Rupin
Yamuna
Bhagirathi
Mandakini
Hathi Parbat
Dunagiri
Nanda Devi
Nanda Kot
Trisul
Panch Chulhi
GREAT HIMALAYA
ZASKAR RANGE
KUMAON LESSER HIMALAYA
NAG TIBBA RANGE
MUSSOORIE RANGE
Alaknanda
HIMALAYA
Ramganga
SHIWALIK RANGE
Ganga
Upper Ganga Canal
Ramganga
Sarda
Sarda or Chauka
Sarda Canal
GANGA PLAINS
RAMGANGA DOAB
Yamuna
Lower Ganga Canal
Kanpur Branch
Etawah Branch
Chambal
Ramganga (Sarda Canal)
Yamuna Branch
Ghaghara
Gomati
AVADH PLAINS
GOMATI PLAIN
SARJUPAR PLAIN
Rapti
Chillua Tal
Little Gandak
Great Gandak
Ghaghara
JALAUN PLAIN
HAMIRPUR PLAIN
BUNDELKHAND UPLANDS
BANDA PLAIN
Ganga
Purwa Branch
Yamuna
Ken
Kaketa
Harsi
Sind
Betwa
Dhasan
Govind Sagar
VINDHYACHAL RANGE
Tons
GANGAPAR PLAIN
PURABIYA PLAIN
MIRZAPUR HILLS
VINDHYAN SCARPLANDS
Ghaghar
KAIMUR HILLS
SONPAR HILLS
Rihand
Kanhar
Son
Govind Ballabh Pant Sagar
Barnas
Narmada

78° 80° 82° 84°
32° 30° 28° 26° 24°

Scale 1:3 700 000 1 cm = 37 kms

ADMINISTRATION

- International Boundary
- State Boundary
- District Boundary
- Taluk Boundary
- State Capital
- District Headquarters
- Taluk Headquarters

Note:
Most taluks take their names from their head-quarters. Where headquarters and taluks have the same names, only the headquarters have been located on the map. Where their names are different, the taluk's name is placed below the headquarters' location in brackets.

JAMMU AND KASHMIR
HIMACHAL PRADESH
CHINA
TIBET
NEPAL
HARYANA
DELHI
RAJASTHAN
BIHAR
MADHYA PRADESH

UTTARKASHI
TEHRI-GARHWAL
CHAMOLI
DEHRA DUN
PAURI GARHWAL
PITHORAGARH
SAHARANPUR
MUZAFFARNAGAR
BIJNOR
ALMORA
NAINI TAL
MEERUT
MORADABAD
RAMPUR
GHAZIABAD
BULANDSHAHR
BAREILLY
PILIBHIT
BUDAUN
SHAHJAHANPUR
KHERI
ALIGARH
MATHURA
ETAH
KASGANJ
FATEHGARH
HARDOI
SITAPUR
BAHRAICH
MAINPURI
FARRUKHABAD
AGRA
ETAWAH
KANPUR (RURAL)
UNNAO
LUCKNOW
BARA BANKI
GONDA
BASTI
GORAKHPUR
DEORIA
KANPUR (URBAN)
RAE BARELI
FAIZABAD
SULTANPUR
AZAMGARH
JALAUN
FATEHPUR
PRATAPGARH
JAUNPUR
BALLIA
HAMIRPUR
JHANSI
BANDA
ALLAHABAD
GHAZIPUR
VARANASI
LALITPUR
MIRZAPUR

Dehra Dun, Narendranagar, Tehri, Pratapnagar, Dunda, Uttarkashi, Bhatwari, Chakrata, Purola, Rajgarhi, Joshimath, Okhimath, Gopeshwar, Karnaprayag, Pauri, Devaprayag, Munsyari, Dharchula, Didihat, Pithoragarh, Bageshwar, Almora, Ranikhet, Lansdowne, Kotdwara, Saharanpur, Nakur, Roorkee, Deoband, Najibabad, Muzaffarnagar, Kairana, Burhana, Jansath, Nagina, Bijnor, Dhampur, Kashipur, Haldwani, Champawat, Sardhana, Mawana, Thakurdwara, Suari, Sitarganj, Baghpat, Meerut, Amroha, Kichha, Khatima, Bilaspur, Rampur, Garhmuktesar, Hapur, Moradabad, Hasanpur, Bilari, Milak, Baheri, Pilibhit, Puranpur, Ghaziabad, Dadri, Sikandarabad, Sambhal, Shahabad, Nawabganj, Bulandshahr, Anupshahr, Bisauli, Bareilly, Aonla, Bisalpur, Khurja, Gunnaur, Faridpur, Pawayan, Nighasan, Sahaswan, Dataganj, Khair, Atrauli, Budaun, Tilhar, Lakhimpur, Dhaurahra, Aligarh, Chhata, Mat, Iglas, Sikandra Rao, Hathras, Kasganj, Shahjahanpur, Mohamdi, Nanpara, Bhinga, Mathura, Jalesar, Etah, Jalalabad, Kaimganj, Shahabad, Sitapur, Bahraich, Sadabad, Aliganj, Fatehgarh, Misrikh, Biswan, Balrampur, Etmadpur, Jasrana, Mainpuri, Farrukhabad, Hardoi, Sidhauli, Mahmudabad, Kaisarganj, Utraula, Naugarh, Agra, Kiraoli, Firozabad, Bhongaon, Sandila, Fatehpur, Nawabganj, Gonda, Domariaganj, Maharajganj, Khairagarh, Shikohabad, Karhal, Kannauj, Bilgram, Malihabad, Bara Banki, Tarabganj, Bansi, Pharenda, Fatehabad, Chhibramau, Haraiya, Khalilabad, Padrauna, Bah, Etawah, Bilhaur, Hasanganj, Ram Sanehighat, Faizabad, Basti, Gorakhpur, Hata, Bharthana, Bidhuna, Safipur, Haidargarh, Bansgaon, Auraiya, Derapur, Kanpur, Unnao, Monanlalganj, Bikapur, Tanda, Akbarpur, Deoria, Akbarpur, Purwa, Maharajganj, Musafirkhana, Salimpur, Jalaun, Bhognipur, Ghatampur, Rae Bareli, Amethi, Sultanpur, Kadipur, Azamgarh, Sagri, Ghosi, Konch, Orai, Bindki, Dalmau, Kalpi, Fatehpur, Salon, Bela, Patti, Shahganj, Phulpur, Muhammadabad, Rasra, Bansdih, Ballia, Hamirpur, Khaga, Jaunpur, Lalganj, Moth, Rath, Maudaha, Kunda, Sirathu, Soraon, Kirakat, Machhlishanr, Saidpur, Ghazipur, Muhammadabad, Jhansi, Garautha, Baberu, Manjhanpur, Mariahu, Zamania, Charkhari, Banda, Pnulpur, Chail, Allahabad, Varanasi, Chandauli, Kulpahar, Mahoba, Mauranipur, Naraini, Karwi, Mau, Karchana, Handia, Gyanpur, Meja, Mirzapur, Chunar, Chakia, Talbehat, Lalitpur, Mahroni, Robertsganj, Dudhinagar

Scale 1:3 700 000 1 cm = 37 kms

JAMMU AND KASHMIR

HIMACHAL PRADESH

C H I N A

T I B E T

N E P A L

HARYANA

HARYANA

DELHI

U T T A R

Uttarkashi
Vikasnagar
Mussoorie
West Hope Town
Tehri
East Hope Town
Dehra Dun
Rishikesh
Behat
Markham Grant
Srinagar
Pauri
Virbhadra
Joshimath
Chamoli cum Gopeshwar
Nakur
Saharanpur
Haridwar
Rampur
Roorkee
Gangoh
Deoband
Manglaur
Kotdwara
Sahanpur
Jalalabad
Purkazi
Najibabad
Ranikhet
Almora
Pithoragarh
Jhinjhana
Charthawal
Kiratpur
Kalagarh
Barhapura
Shamli
Mandawar
Afzalgarh
Ramnagar
Kairana
Muzaffarnagar
Bijnor
Nagina
Naini Tal
Kandhla
Khatauli
Jansath
Nahtaur
Sherkot
Jaspur
Burhana
Miranpur
Haldaur
Dhampur
Seohara
Kashipur
Sardhana
Nurpur
Haldwani cum Kathgodam
Chhaprauli
Baraut
Lawar
Mawana
Chandpur
Sahaspur
Thakurdwara
Bazpur
Suar
Baghpat
Dhanaura
Kanth
Tanda
Kichha
Tanakpur
Khekra
Kithaur
Amroha
Bilaspur
Bachhraon
Muradnagar
Modinagar
Garhmuktesar
Moradabad
Loni
Hapur
Siyana
Kundarkhi
Rampur
Baheri
Pilkhua
Saidpur
Hasanpur
Sirsi
Milak
Shishgarh
Nyoriya Husenpur
Ghaziabad
Dasna
Dadri
Gulavthi
Bugrasi
Shahabad
Noida
Sambhal
Bilari
Aurangabad
Narauli
Dhaura
Pilibhit
Sherpur
Sikandrabad
Sayad
Jahangirabad
Bahjoi
Chandausi
Sarauli
Tanda Nawabganj
Puranpur
Bulandshahr
Bisauli
Bareilly
Bisalpur
Singahi
Khurja
Anupshahr
Islamnagar
Aonla
Thirya Nizamat Khan
Shikarpur
Jewar
Pahasu
Debai
Gunnaur
Bilsi
Faridpur
Sahaswan
Budaun
Dataganj
Katra
Puwayan
Gola Gokarannath
Atrauli
Ujhani
Aligarh
Khair
Jalali
Soron
Kasganj
Kakrala
Alapur
Tilhar
Shahjahanpur
Lakhimpur
Dhaurahra
Muhamdi

NAMES FOR LOCATIONS NUMBERED ON THE MAP

1. Jhalu
2. Bhokarheri
3. Hastinapur
4. Parichhatnagar
5. Tikri
6. Sisauli
7. Phalavda
8. Tajpur
9. Faridnagar
10. Thana Bhawan
11. Meerut
12. Sewalkhas

POPULATION

ESTIMATED RURAL POPULATION DENSITY – 1989
(Persons/sq km, District-wise)

- Above 1000
- 501–1000
- 301–500
- 201–300
- 151–200
- 101–150
- 51–100
- 1–50
- Urban

Vrindavan – Town
Jaitpur – Village

ESTIMATED TOWN/VILLAGE POPULATION – 1989
(in thousands)

- Above 1000
- 500–1000
- 250–500
- 100–250
- 50–100
- 20–50
- 10–20

Note:
The population symbols also indicate the location of the respective towns/villages.

MAJOR CITIES — 1989

Towns with more than 250,000 population
(Estimated in thousands)

Kanpur	2,126
Lucknow	1,197
Varanasi	989
Agra	902
Allahabad	772
Meerut	738
Ghaziabad	592
Bareilly	558
Moradabad	424
Dehra Dun	397
Aligarh	389
Jhansi	376
Saharanpur	366
Gorakhpur	348
Shahjahanpur	275

Scale 1:2 500 000 1 cm = 25 kms

TRANSPORT & TOURISM

TRANSPORT

- National Highways (with number)
- Other Roads
- Railway Lines

TOURISM

- Archaeological Site
- Historical Site
- Religious Centre
- Hill Station
- Holiday Resort
- Wildlife Sanctuary
- Lake/Reservoir

LOCATIONS

- State Headquarters
- Tourist Centre
- Other Towns
- District Headquarters (outside Uttar Pradesh)

JAMMU AND KASHMIR
CHINA
TIBET
HIMACHAL PRADESH
HARYANA
DELHI
RAJASTHAN
NEPAL
UTTAR PRADESH
BIHAR
MADHYA PRADESH
INDIA

Shimla, Kasumpti, Solan, Nahan, Chakrata, Mussoorie, Herbertpur, Dehra Dun, Rajaji W.L.S., Narendranagar, Rishikesh, Fatahpur, Motichur, Saharanpur, Haridwar, Roorkee, Bhaironghati, Yamnotri, Gangotri, Bandarpunch, Gaumukh, Kedarnath, Valley of Flowers, Uttarkashi, Badarinath, Hemkund Saheb, Govindghat, Joshimath, Gopeshwar, Chamoli, Trisul, Nanda Devi, Rudraprayag, Srinagar, Karnaprayag, Pindiri Glacier, Nanda Kot, Pauri, Devaprayag, Baijnath, Kaushani, Bageshwar, Lansdowne, Chaukhutia, Kotdwara, Najibabad, Ranikhet, Jogeshwar, Panuwanaula, Naini Tal, Almora, Lohaghat, Pithoragarh, Corbett N.P, Ramnagar, Ramgarh, Sattal, Bhimtal, Champawat, Kashipur, Haldwani, Kathgodam, Lalkua, Pantnagar, Muzaffarnagar, Shamli, Bijnor, Burhana, Baraut, Chandpur, Nurpur, Baghpat, Meerut, Gajraula, Moradabad, Tanda, Rampur, Ghaziabad, Joya, Garhmuktesar, Hapur, Pilibhit, Sikandarabad, Chandausi, Dudhwa, Faridabad, Bulandshahr, Khurja, Babrala, Bareilly, Bhira, Budaun, Pawayan, Aligarh, Kasganj, Jalalabad, Shahjahanpur, Lakhimpur, Hargaon, Laharpur, Vrindavan, Sikandra Rao, Hathras, Mathura, Aliganj, Kaimganj, Sitapur, Misrikh, Hardoi, Naimisharanya, Bahraich, Sravasti, Tulsipur, Balrampur, Saunkh, Sadabad, Sankasya, Fatehgarh, Utraula, Nichlaul, Maharajganj, Bharatpur, Sikandra, Mainpuri, Sidhauli, Colonelganj, Domariaganj, Pharenda, Fatehpur Sikri, Agra, Shikohabad, Karhal, Kishni, Bewar, Kannauj, Batesar, Gonda, Nawabganj, Lucknow, Bara Banki, Faizabad, Ayodhya, Kushinagar, Bah, Etawah, Bela, Basti, Gorakhpur, Kasia, Daulpur, Haidargarh, Gopalganj, Bhind, Morena, Unnao, Kanpur, Jagdishpur, Akbarpur, Deoria, Aurayia, Dohrighat, Siwan, Bhognipur, Sultanpur, Gwalior, Jalaun, Ghatampur, Rae Bareli, Shahganj, Azamgarh, Kalpi, Lalganj, Orai, Hamirpur, Fatehpur, Bela, Mau, Rasra, Ballia, Lalauli, Lalganj, Jaunpur, Ora Sand, Khaga, Datia, Gursarai, Janghai, Ghazipur, Jhansi, Rath, Banda, Baberu, Palhana, Sarnath, Varanasi, Mughal Sarai, Shivpuri, Allahabad, Chitrakut, Chunar, Ramnagar, Mahoba, Mirzapur, Chakia, Mau, Ranipur, Chandraprabha W.L.S., Chhatarpur, Sasaram, Guna, Tikamgarh, Panna, Satna, Aurangabad, Rewa, Billi Bari, Sidhi, Renukut, Daltenganj, Sagar, Damoh, Vidisha, Bhopal, Raisen, Jabalpur, Shahdol, Ambikapur

78° 80° 82° 84° 32° 30° 28° 26° 24°

Scale 1:3 700 000 1 cm = 37 kms

AGRICULTURE

CROP DATA:

FRUIT: GUAVA: *Hathras Taluk (Aligarh District), Chail (Allahabad)* LEMON: *Talbehat Taluk (Lalitpur Dt.)* PAPAYA: *Hathras Taluk (Aligarh Dt.)*
OILSEEDS: LINSEED: *Kalpi, Konch, Orai, Jalaun Taluks (Jalaun Dt.)* MUSTARD. *Saraon Taluk (Allahabad Dt.) Hamirpur, Mahoba (Hamirpur) Nighasan (Kheri) Shahjahanpur (Shahjahanpur)*
SPICES & CONDIMENTS: CORRIANDER: *Charkhari Taluk (Hamirpur Dt.)*
OTHER CROPS: POTATO: *Farrukhabad Dt.*

Sarowar — Name of Irrigation Projects

Irrigated Area*

Wheat

Rice

Sugarcane

Other Crops

Maize
Ragi
Rice
Wheat
Apple
Betel Leaf
Chilli
Cotton
Fruit

Jute/Mesta
Mango
Onion
Potato
Spices and Condiments
Sugarcane
Tobacco
Groundnut
Oil Seeds

NOTE:

* *Area covered by completed irrigation projects and projects nearing completion.*

1. *The colour scheme on the map indicates the major crop of each district (based on a comparison of the tonnages produced of the different crops in each district).*
2. *The colours used for each major crop appear in a darker and lighter shade. Those districts marked in the darker shade are major producers of the particular crop, while the districts marked in lighter shades produce comparatively less of the same crop, even though the crop is the major crop in that district.*
3. *The crop symbols overlaid show other important crops grown in each TALUK of the state.*

JAMMU AND KASHMIR
CHINA
HIMACHAL PRADESH
TIBET
HARYANA
DELHI
RAJASTHAN
NEPAL
BIHAR
U T T A R P R A D E S H
M A D H Y A P R A D E S H
I N D I A

Satluj or Langchen Khambab
Rakas Lake
Manasarowar Lake
Rupin
Yamuna
Bhagirathi
Alaknanda
Dhauliganga
Ramganga
Sarda
Ganga
Upper Ganga Canal
Bhimgoda Head Works
Khoh
Eastern Ramganga Dam
Chamgad Dam
Pancheshwar Dam
Purnagiri Dam
Banbasa Head Works
Sarda Sagar Stage I & II
Kosi
Pili
Kalluwala
Tumaria
Raipura
Jamrani Dam
Haripura
Kichha
Nanaksagar
Laipur
Nakatar
Bahgul
Hindan
Okhla
Keolaria
Sardasagar
Narora Head Works
Lower Ganga Canal
Ramganga Irri. Sch.
Upper Ganga Canal
Hardoi Branch
Sarda or Chauka
Suheli Irri. Sch.
Ghaghara Barrage
Sarda Barrage
Rapti
Sarowar
Girgithi
Chittorgarh
Kuwana Pumped Canal
Gandak
Banganga
Danda
Great Gandak
Little Gandak
Tanda Pumped Canal
Ghaghara
Bakhira
Chillua Tal
Ramgarh
Dohrighat Pumped Canal
Gomati
Dalman Pumped Canal
Lower Ganga Canal
Bhopauli Pumped Canal
Harrai
Ahraura
Muzaffarpur
Jirgo
Latif Shah
Musakhand
Chandraprabha
Belan
Ghori
Meja
Sirsi
Sukhra
Silhat
Adwa
Ghaghar
Nagwa
Obra
Rihand
Kanhar
Kihand
Sukhra
Govind Ballabh Pant Sagar
Barwatola
Son
Karpur Branch
Lower Ganga Canal
Etawah Branch
Purwa Branch
Chambal
Yamuna
Sind
Betwa
Harsi
Pahuj
Parichha
Barwar
Chandrawal
Keolari
Kabrai
Arjun
Sihori
Saprar
Matatila
Govind Sagar
Dhasan
Barwa
Ohan
Ken
Banas
Yadhuna
Rajasthali

Scale 1:3 700 000 1 cm = 37 kms

INDUSTRIES & MARKETS

A Class Market | B Class Market | C Class Market

Major Industrial Centres | Other Industrial Centres

- ▲ Beverage and Tobacco products
- ⊙ Chemical products and Pharmaceuticals
- ● Food products
- ♦ Leather, Rubber and Plastic products
- ★ Textile Industry
- ■ Wood products
- ★ Electrical machinery
- ▲ Metal products
- ♦ Non-electrical machinery
- ■ Non-metallic products
- ● Paper products
- ⊙ Transport equipment

Note:

District-wise market potential has been estimated on the basis of the following indicators: Area, Number of households, Population, Population growth rate, Sex ratio, Density of population, Male literacy, Female literacy, Urbanisation, Workforce, Number of traders, Bank offices/100,000 population, Per capita bank credit to agriculture, Per capita bank credit to industries, Total cropped area, Production of major crops, Number of motor vehicles, Post offices/100,000 population, Circulation of newspapers, Cinema houses/100,000 population, Number of radio sets, T.V. sets.

JAMMU AND KASHMIR
HIMACHAL PRADESH
CHINA
TIBET
HARYANA
DELHI
HARYANA
NEPAL
RAJASTHAN
RAJASTHAN
BIHAR
MADHYA PRADESH
INDIA
UTTAR PRADESH

Kalsi, Mussoorie, Tehri, Dehra Dun, Balawala, Rishikesh, Sarsawa, Saharanpur, Haridwar, Iobalpur, Deobando, Dewal Thal, Ranibagh, Shamli, Mansurpur, Bijnor, Jaspur, Naini Tal, Khatauli, Dhampur, Kashipur, Seohara, Modipuram, Mawana, Thakurdwara, Bazpur, Lalkua, Muhiubdinpur, Meerut, Partapur, Amroha, Bilaspur, Kichha, Sitarganj, Modinagar, Gajraula, Ghaziabad, Simbhauli, Rampur, Baheri, Moradabad, Majhola, Dadrio, Dasna, Surajpur, Sikandarabad, Chandausi, Rithanra, Jahangirabad, Clutterbuckganjo, Bulandshahr, Bareilly, Salempur, Babrala, Aonla, Gola Gokarannath, Satha, Shekhupur, Tilhar, Padoria Kalan, Kosi, Aligarh, Shahjahanpur, Nanpara, Chhata, Salimpur, Rosa, Hargaon, Hathras, Etah, Kaimganj, Hardoi, Sitapur, Bahraich, Tulsipur, Mathura, Balrampur, Agra, Tundla, Shikohabad, Burhwal, Mankapur, Kaptanganj, Padrauna, Lucknow, Bara Banki, Basti, Pipraich, Kathkuiyan, Magarwara, Sonik, Sarojininagar, Gorakhpur, Ramkola, Seorahi, Auraiya, Pankio, Unnao, Sardarnagar, Gauribazar, Akbarpur, Jagdishpur, Deoria, Kanpur, Kurwar, Rae Bareli, Ghatampur, Amethi, Sathiaon, Fatehpuro, Mau, Rasra, Pratapgarh, Jhansi, Banda, Allahabad, Phulpur, Ghazipur, Bamrauli, Iradatganjo, Naini, Anrai, Varanasi, Sahupuri, Chunar, Churk, Renukut

Scale 1:3 700 000 1 cm = 37 kms

A

B

MINERALS

- Asbestos
- Copper
- Diaspore
- Dolomite
- Glass Sand
- Graphite
- Gypsum
- Iron
- Lead and Silver
- Limestone
- Magnesite
- Magnesium
- Mica
- Ochre
- Phosphates
- Phosphorite
- Phyrophyllite
- Rey
- Silica Sand
- Steatite
- Uranium

ECONOMIC DEVELOPMENT

ESTIMATED INDEX OF LEVELS OF ECONOMIC DEVELOPMENT – 1989

AVERAGE

All India 100 →

State 74 →

- Over 250
- 150–200
- 100–150
- 75–100
- 50–75
- 25–50
- 0–25

AGRA – Other Districts
Mathura – Notified Backward Districts

HIMACHAL PRADESH
CHINA
TIBET
NEPAL
HARYANA
DELHI
RAJASTHAN
UTTAR PRADESH
MADHYA PRADESH
BIHAR
INDIA

DEHRA DUN
UTTARKASHI
TEHRI-GARHWAL
CHAMOLI
PITHORAGARH
Mussoorie
SAHARANPUR
GARHWAL
ALMORA
MUZAFFAR NAGAR
BIJNOR
NAINI TAL
MEERUT
GHAZIABAD
MORADABAD
RAMPUR
PILIBHIT
BULANDSHAHR
BUDAUN
BAREILLY
KHERI
ALIGARH
ETAH
SHAHJAHANPUR
BAHRAICH
MATHURA
AGRA
MAINPURI
FARRUKHABAD
HARDOI
SITAPUR
GONDA
BARA BANKI
LUCKNOW
BASTI
GORAKHPUR
DEORIA
ETAWAH
KANPUR (RURAL)
UNNAO
FAIZABAD
KANPUR (URBAN)
RAE BARELI
SULTANPUR
JALAUN
AZAMGARH
FATEHPUR
PRATAPGARH
BALLIA
JHANSI
HAMIRPUR
JAUNPUR
GHAZIPUR
BANDA
ALLAHABAD
VARANASI
Chakia
MIRZAPUR
Robertsganj
LALITPUR
Kota

Uttarkashi
Tehri-Garhwal
Chamoli
Pithoragarh
Garhwal
Almora
Ghaziabad
Moradabad
Rampur
Pilibhit
Bulandshahr
Budaun
Bareilly
Shahjahanpur
Kheri
Aligarh
Etah
Bahraich
Mathura
Mainpuri
Farrukhabad
Hardoi
Sitapur
Gonda
Bara Banki
Lucknow
Basti
Gorakhpur
Deoria
Etawah
Kanpur (Rural)
Unnao
Faizabad
Kanpur (Urban)
Rae Bareli
Sultanpur
Jalaun
Azamgarh
Fatehpur
Pratapgarh
Ballia
Jhansi
Hamirpur
Jaunpur
Ghazipur
Banda
Allahabad
Varanasi
Mirzapur
Lalitpur

Note:

1. *The town/village names on the map are major mining centres of the mineral/minerals indicated alongside the town/village name.*
2. *All other mineral symbols are located in the taluks/tahsils where the respective minerals are mined.*

Note:
The levels of economic development are based on the following indicators: Per capita value of output of major crops, Per capita bank credit to agriculture, Number of mining and factory workers per 100,000 population, Number of households of manufacturing workers per 100,000 population, Per capita bank credit for manufacturing sector, Per capita bank deposits, Per capita bank credit to services, Literacy and Urbanisation.

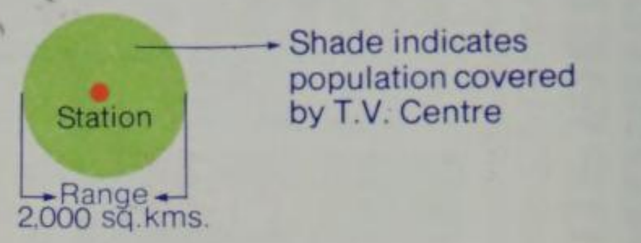
Scale 1:5 000 000 1 cm = 50 kms

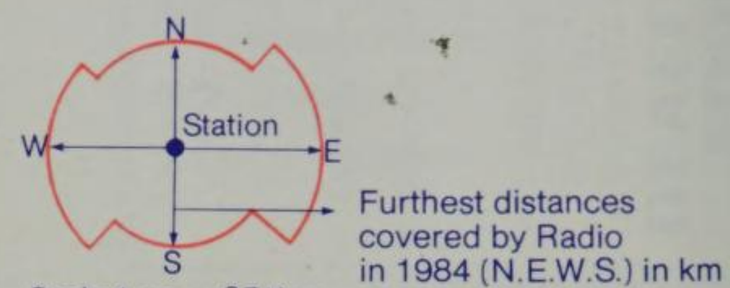
MASS COMMUNICATION

ESTIMATED POPULATION COVERED BY T.V. CENTRE — 1986
(in million)

- Over 15
- 10—15
- 5—10
- 1—5
- 0.5—1
- 0—0.5

- T.V. & Radio Centre
- T.V. Centre
- Radio Centre





Scale 1 cm = 37 Kms.

JAMMU AND KASHMIR
HIMACHAL PRADESH
CHINA
HARYANA
Mussoorie
Pauri
TIBET
N.A. Almora
Najibabad
Pithoragarh
Naini Tal
N E P A L
Tanakpur
Moradabad
Rampur
DELHI
HARYANA
Sambhal
Bareilly
U T T A R
Aligarh
Shahjahanpur
Mathura
P R A D E S H
Bahraich
Farrukhabad
Agra
RAJASTHAN
I N D I A
Etawah
Lucknow
Faizabad
Gorakhpur
Kanpur
Deoria
Rae Bareli
Sultanpur
Ballia N.A.
Jhansi
Allahabad
Varanasi
BIHAR
M A D H Y A
P R A D E S H

CITIES WITH 100 OR MORE PERIODICALS — 1985
(language-wise)

City	English	Hindi	Others	Total
Agra	5	88	26	119
Aligarh	11	88	39	138
Allahabad	42	63	22	127
Dehra Dun	24	71	19	114
Kanpur	30	204	100	324
Lucknow	70	183	94	347
Meerut	9	152	28	189
Moradabad	3	92	41	136
Saharanpur	7	114	50	171

Scale 1:3 700 000 1 cm = 37 kms

WEST BENGAL

PHYSICAL

ALTITUDE SCALE

3000 m
1800
1350
900
600
300
150
0 Sea Level
75

SIKKIM
BHUTAN
NEPAL
BIHAR
INDIA
BANGLADESH
ORISSA
ASSAM
MEGHALAYA

Sandakphu
Tanglu
Tiger Hill
Deola
Nimlu
DARJEELING HILLS
Mangpu Rock
Songchonglu
Latpanchor
Tiri

WESTERN DUARS
EASTERN SHIWALIK
JALPAIGURI PLAIN
KOCH BIHAR PLAIN
NORTH BENGAL PLAINS

Mahananda
Nagar
Tista
Torsa
Karatoya
Jamuna

BALURGHAT PLAIN
Purnabhaba
BARIND PLAINS
GAUR PLAIN
Arrai

Baghmati
Ghugri
Ganga
Ajay
Morakhi

Maithon
Panchet
MAYURAKSHI PLAIN
WEST BENGAL
EAST BHAGIRATHI PLAIN
WEST BHAGIRATHI PLAIN
Bhagirathi
Jalangi
Hugli
Bhairab
Padma
Damodar
Dwarkeswar
Kasai
Subarnarekha
Burhabalang

DAMODAR VALLEY
PURULIA UPLAND
SUSUNIA UPLAND
BENGAL BASIN
RARH PLAIN
KANGSABATI VALLEY
RUPNARAYAN PLAIN
Rupnarayan
LOWER DAMODAR PLAIN
GANGA DELTA
MEDINIPUR PLAIN
KANTHI COASTAL PLAIN
SUNDARBANS
Hugli River
Matla
Bidya
Jhilla
Jamira
Gosaba
Guasuba
New Moore I (India)
BAY OF BENGAL
MOUTHS OF THE GANGA

Scale 1:2 100 000 1 cm = 21 kms

ADMINISTRATION

- International Boundary
- State Boundary
- District Boundary
- Taluk Boundary
- State Capital
- District Headquarters
- Taluk Headquarters

Note:
Most taluks take their names from their headquarters. Where headquarters and taluks have the same names, only the headquarters have been located on the map. Where their names are different, the taluk's name is placed below the headquarters' location in brackets.

NEPAL
SIKKIM
BHUTAN
BIHAR
BANGLADESH
ASSAM
MEGHALAYA

Pulbazar
Darjiling
Kalimpang
Rangli Rangliot
Sukhiapokhri
Jore Bungalow
Gorubathan
Matiali
Nagrakara
Mirik
Karsiyang
DARJILING
Mal
Banarhat
Shiliguri
Naksalbari
JALPAIGURI
Birpara
Madarihat
Kalchini
Kumargram
Phansidewa
Khoribari
Rajganj
Mainaguri
Dhupgari
Falakata
Jalpaiguri
Alipur Duar
Haldibari
Chopra
Matabhanga
Mekhliganj
Koch Bihar
Tufanganj
Islampur
KOCH BIHAR
Goalpokhar
Sitalkuchi
Dinhata
Chakalia
Sitai
Karandighi
Hemtabad
Raiganj
Kaliyaganj
Kushmandi
Kharba
Itahar
WEST DINAJPUR
Harishchandrapur
Gangarampur
Kumarganj
Bansihari
Tapan
Balurghat
Ratua
Gajol
Bamangola
MALDAH
Manik Chak
Maldah
Habibpur
Ingraj Bazar
Kaliachak
Farakka
Sutia

Scale 1:1 400 000 1 cm = 14 kms

POPULATION

ESTIMATED RURAL POPULATION DENSITY — 1989
(Persons/sq km, District-wise)

- Above 1000
- 501—1000
- Urban

Kaksa — Town
Alaipur — Village

ESTIMATED TOWN/VILLAGE POPULATION — 1989
(in thousands)

- Above 1000
- 500—1000
- 250—500
- 100—250
- 50—100
- 20—50
- 10—20

Note:
The population symbols also indicate the location of the respective towns/villages.

NAMES FOR LOCATIONS NUMBERED ON THE MAP

NADIA
1. *Debagram*

BARDHAMAN
2. *Bara Dhemo*

JALPAIGURI
3. *Sannyasikata*
4. *Sikarpur*
5. *Sukani*
6. *Bahadur*
7. *Barapatia Nutunbas*
8. *Bhelakoba*
9. *Garalbari*
10. *Kharia*
11. *Patkata*

KOCH BIHAR
12. *Uchalpukhari*
13. *Bara Saulmari*
14. *Bhanukumari*

HAORA
15. *Dhulagiri*
16. *Deulpur*
17. *Suvararah*
18. *Patihal*

HUGLI
19. *Bara Kamalpur*
20. *Krishnanagar*

MAJOR CITIES — 1989

Towns with more than 250,000 population
(Estimated in thousands)

Calcutta	11,391
Asansol	514
Durgapur	422
Kharagpur	319
Raniganj	267

SIKKIM
Darjiling
Kalimpang
BHUTAN
NEPAL
Bhagatpur
Mal
Chengmari
Shiliguri
Dabgram
Banarhat
Lankapara
Kalchini
Bairatisal
Binnaguri
Birpara
Baghdogra
Lataguri
Raja Bhat
Loknathpur
Dhupgari
Khawa
Mainaguri
Falakata
Mathura
Panbarikhanda
Jalpaiguri
Alipur Duar
Saptibari
Phulbari
Kholta
Rampur
Berubari
Matabhanga
Khagrabari
Bara Haldibari
Haldibari
Islampur
Koch Bihar
Andaran Phulbari
Hemkumari
Ghugumari
Balarampur
Sitalkuchi
Dinhata
Golia Nanhati
Bara Atiabari
ASSAM
MEGHALAYA
Raiganj
Gangarampur
Gadai Maharajpur
Balurghat
Bhado
Manikchak
Ingraj Bazar
Gopalpur
Panchanandapur
Uttar Lakshmipur
Sultanganj
Farakka
Bhagabanpur
Chari Anantapur
Dhulian
BIHAR
BANGLADESH
Jangipur
Lalgola
Nalhati
Jiaganj
Morgram
Ajimganj
Murshidabad
Rampur Hat
Baharampur
Andharkotha
Dogachhi
Siuri
Sainthiya
Kandi
Beldanga
Chittaranjan
Dubrajpur
Palashi
Betai
Bara Chandghar
Kulti
Kankhaya
Bolpur
Tehata
Siarsol
Chhora
Asansol
Kajora
Metiari
Patharghata
Raniganj
Dignala
Srikhanda
Dainhat
Bara Andulia
Raghunathpur
Durgapur
Guskhara
Mangalkot
Mahatpur
Bangal Jhi
Adra
Gopalpur
Navadwip
Jhalida
Barjora
Kaksa
Bara Belun
Shrirampur
Krishnanagar
Puruliya
Orgram
Sonamukhi
Bhaluka
Rayan
Jaypur
Aranghata Narayanpur
Shantipur
Bankura
Memari
Barddhaman
Kalna
Ranaghat
Balarampur
Magurkhali
Pandua
Chakdaha
Bangaon
Khatra
Bishnupur
Alaipur
Simulpuk
Keota
Saguna
Arambag
Tarakeshwar
Gobardanga
Garhbeta
Gopalnagar
Habra
Singur
Ramjibanpur
Kesabpur
Rajbalhat
Dattapukur
Bithari
Chinra
Rishra
Banglani
Chandrakona
Ghoshpur
Dumjor
Baduria
Basantapur
Ghatal
Basirhat
Amta
Panchpara
Calcutta
Taki
Bauria
Pujali
Jhargram
Medinipur
Buita
Bowali
Kolaghat
Bali Chak
Dakshin Baruipur
Kalaikunda
Kharagpur
Raypur
Ramnagar
Syampur
Port Canning
Tamluk
Magnahat
Kamaria
Baharu
Meragari
Mahishadal
Diamond Harbour
Gardoani
Jaynagar
Jalabaria
Haldia
Belpukuria
Manirtat
Sabra
Lakshmipur
Ganeshpur
ORISSA
BAY OF BENGAL
New Moore I. (India)

142

Scale 1:2 100 000 1 cm = 21 kms

TRANSPORT & TOURISM

TRANSPORT

- 6 National Highways (with number)
- Other Roads
- Railway Lines
- Seaport

TOURISM

- Archaeological Site
- Historical Site
- Religious Centre
- Hill Station
- Holiday Resort
- Wildlife Sanctuary
- Beach
- Lake/Reservoir

LOCATIONS

- State Headquarters
- Tourist Centre
- Other Towns
- District Headquarters (outside West Bengal)

NEPAL
SIKKIM
BHUTAN
BIHAR
WEST BENGAL
INDIA
BANGLADESH
ORISSA
ASSAM
MEGHALAYA
BAY OF BENGAL
MOUTHS OF THE GANGA

Pedong, Darjiling, Kalimpang, Senchal W.L.S., Chapramari W.L.S., Ghum, Karsiyang, Sivok, Mirik, Shiliguri, Bagdogra, Gorumara W.L.S., Lankapara Hat, Kumargram, Jaldhapara, Jalpaiguri, Alipur Duar, Koch Bihar, Purnia, Katihar, Raiganj, Devikut, Shamsi, Balurghat, Bhagalpur, Pandua, Maldah, Ingraj Bazar, Gaur, Dumka, Nalhati, Ajimganj, Murshidabad, Rampur Hat, Tarapith, Baharampur, Sainthia, Sluri, Ahmadpur, Palashi, Dhanbad, Bakreshwar, Dubrajpur, Bhimgara, Asansol, Burnpur, Shanti Niketan, Nanur, Raniganj, Andal, Katoya, Bethuadahari, Durgapur, Adra, Navadwip, Krishnanagar, Puruliya, Khana, Bankura, Barddhaman, Saktigarh, Ranaghat, Balarampur, Manbazar, Bishnupur, Rainagar, Bangaon, Kangsabati, Jayrambati, Kamarpukur, Arambag, Bansbaria, Bandel, Tarakeshwar, Chunchura, Bhatpara, Chandannagar, Barakpur, Shrirampur, Barasat, Belur, Haora, Dum Dum, Calcutta, Alipur, Silda, Dahijuri, Chandrakona Road, Ghatal, Panskura, Kholaghat, Medinipur, Kharagpur, Tamluk, Diamond Harbour, Belda, Haldia, Kulpi, Lakshmikantapur, Egra, Kakdwip, Sunderbans W.L.S., Kanthi, Janput, Digha, Bok-Khali, Baleshwar, New Moore I (India)

Scale 1:3 700 000 1 cm = 37 kms

AGRICULTURE

Irrigated Area* Sali — Name of Irrigation Projects

Rice | Millets | Other Crops

Rice
Wheat
Fruit
Jute/Mesta
Mango
Orange
Potato
Spices and Condiments
Sugarcane
Tea
Tobacco
Coconut
Oil Seeds
Pulses

CROP DATA:

FRUIT: PINEAPPLE: *Siliguri PS (Darjiling Dt.)*
MILLETS: MAIZE: *Darjiling Dt.*
OILSEEDS: SESAMUM: *Murshidabad Dt.* RAPE/MUSTARD: *West Dinajpur Dt.* LINSEED: *Murshidabad Dt.*
PULSES: GRAM: *Murshidabad Dt.* TUR DAL: *Murshidabad Dt.*
SPICES & CONDIMENTS: GINGER: *Karsiang PS (Darjiling Dt.)* CARDAMOM: *Karsiang, Kalimpang PS (Darjilint Dt.)*
OTHER CROPS: JUTE: *Jalpaiguri, Murshidabad & Nadia Dts.* POTATO: *Hugli dt.*

SIKKIM
BHUTAN
NEPAL
ASSAM
MEGHALAYA
BIHAR
BANGLADESH
INDIA
WEST BENGAL
Tista
Torsa
Mahananda
Nagar
Purnabhaba
Karatoya
Jamuna
Ganga
Farakka
Ajay
Jangipur
Bhagirathi
Hoja
Jalangi
Padma
Bhairab
Damodar
Hugli
Dwarkeswar
Maithon
Panchet
Hinglow
Mayurakshi
Morakhi
Sali
Saharapore
Upper Kangsabati
Subarnarekha
Kasai
Rupnarayan
Matla
Bidya
Haldi
Madhumati
Jamira
Guasuba
New Moore I (India)
BAY OF BENGAL
MOUTHS OF THE GANGA

NOTE:

* *Area covered by completed irrigation projects and projects nearing completion.*

1. *The colour scheme on the map indicates the major crop of each district (based on a comparison of the tonnages produced of the different crops in each district).*
2. *The colours used for each major crop appear in a darker and lighter shade. Those districts marked in the darker shade are major producers of the particular crop, while the districts marked in lighter shades produce comparatively less of the same crop, even though the crop is the major crop in that district.*
3. *The crop symbols overlaid show other important crops grown in each TALUK of the state.*

Scale 1:2 100 000 1 cm = 21 kms

INDUSTRIES & MARKETS

A Class Market

B Class Market

C Class Market

Major Industrial Centres

Other Industrial Centres

- ▲ Beverage and Tobacco products
- ◉ Chemical products and Pharmaceuticals
- ● Food products
- ♦ Leather, Rubber and Plastic products
- ★ Textile Industry
- ■ Wood products
- ★ Electrical machinery
- ▲ Metal products
- ■ Non-metallic products
- ● Paper products
- ◉ Transport equipment

CALCUTTA METROPOLITAN AREA (SOUTH)

SIKKIM
Tumsong
Estate
Darjiling
Lingia
BHUTAN
Baradighi
Rheabari
Karbala
Bharnobari
Satali
NEPAL
Shiliguri
Baghdogra
Jalpaiguri
ASSAM
MEGHALAYA
BANGLADESH
Cossimbazar
Siuri
Chittaranjan
Asansol
Madhukunda
Burnpur
Raniganj
Durgapur
Palashi
Krishnanagar
Tamna
Bankura
Sibpur
Bansberia
Kalyani
Kataganj
Hugli
Naihati
Pirgachha
Doharia
Haora
Bally
Khardah
Panihati
Dum Dum
Batanagar
Calcutta
Bauria
Baj Baj
Bishnupur
Kanyanagar
Tantigaria
Kharagpur
Haldia
Hugli River
BIHAR
I N D I A
W E S T B E N G A L
BAY OF BENGAL
MOUTHS OF THE GANGA
New Moore I (India)

Note:

District-wise market potential has been estimated on the basis of the following indicators: Area, Number of households, Population, Population growth rate, Sex ratio, Density of population, Male literacy, Female literacy, Urbanisation, Workforce, Number of traders, Bank offices/100,000 population, Per capita bank credit to agriculture, Per capita bank credit to industries, Total cropped area, Production of major crops, Number of motor vehicles, Post offices/100,000 population, Circulation of newspapers, Cinema houses/100,000 population, Number of radio sets, T.V. sets.

Scale 1:2 100 000 1 cm = 21 kms

MINERALS

- Cement and Mortar
- Coal
- Copper
- Iron
- Lead and Silver
- Lignite
- Gold
- Kaolin
- Kyanite
- Limestone
- Steatite
- Zinc
- Apatite
- Dolomite
- Fire Clay
- Manganese
- Quartz
- Silica
- Tungsten

Note:

1. *The town/village names on the map are major mining centres of the mineral/minerals indicated alongside the town/village name.*
2. *All other mineral symbols are located in the taluks/tahsils where the respective minerals are mined.*

ECONOMIC DEVELOPMENT

ESTIMATED INDEX OF LEVELS OF ECONOMIC DEVELOPMENT – 1989

AVERAGE
State 153 →
All India 100 →

- Over 200
- 100–150
- 75–100
- 50–75
- 25–50
- 0–25

HAORA – Other Districts
Puruliya – Notified Backward Districts

Note:
The levels of economic development are based on the following indicators: Per capita value of output of major crops, Per capita bank credit to agriculture, Number of mining and factory workers per 100,000 population, Number of households of manufacturing workers per 100,000 population, Per capita bank credit for manufacturing sector, Per capita bank deposits, Per capita bank credit to services, Literacy and Urbanisation.

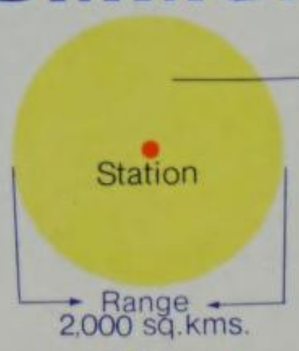
SIKKIM
BHUTAN
NEPAL
Darjiling
DARJILING
Western Duars
JALPAIGURI
Jalpaiguri
KOCH BIHAR
ASSAM
MEGHALAYA
WEST DINAJPUR
MALDAH
BANGLADESH
BIHAR
MURSHIDABAD
BIRBHUM
Birbhum
I N D I A
WEST BENGAL
BARDDHAMAN
NADIA
Puruliya
PURULIYA
BANKURA
Bankura
Barddhaman
Taldangra
HUGLI
Gidni
MEDINIPUR
HAORA
CALCUTTA
TWENTY-FOUR PARGANAS
ORISSA
BAY OF BENGAL
New Moore I. (India)

Scale 1:3 200 000 1 cm = 32 kms

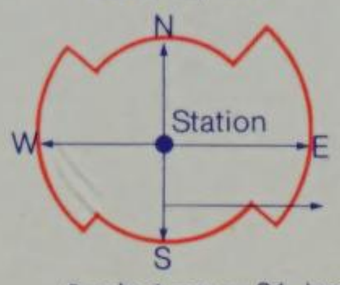
MASS COMMUNICATION

ESTIMATED POPULATION COVERED BY T.V. CENTRE — 1986 (in million)

- Over 15
- 10—15
- 5—10
- 1—5
- 0.5—1
- 0—0.5



Shade indicates population covered by T.V. Centre



Furthest distances covered by Radio in 1984 (N.E.W.S.) in km

- T.V. & Radio Centre
- T.V. Centre
- Radio Centre

Scale 1 cm = 21 kms.

SIKKIM
Darjiling
Karsiyang
Shiliguri
NEPAL
BHUTAN
ASSAM
MEGHALAYA
Balurghat
Maldah
BIHAR
BANGLADESH
INDIA
Murshidabad
WEST BENGAL
Asansol
Shantiniketan
Barddhaman
Calcutta
Kharagpur
ORISSA
Hugli River
BAY OF BENGAL
MOUTHS OF THE GANGA
New Moore I (India)

CITIES WITH 100 OR MORE PERIODICALS — 1985
(language-wise)

City	English	Hindi	Bengali	Others	Total
Barddhaman	8	4	146	10	168
Calcutta	389	135	745	196	1465

Scale 1:2 100 000 1 cm = 21 kms

ANDAMAN & NICOBAR IS., AND LAKSHADWEEP

A — PHYSICAL

ALTITUDE SCALE
300 m
150
Sea 0 Level
75
300

ANDAMAN AND NICOBAR ISLANDS (INDIA)

North Andaman
Middle Andaman
South Andaman
Duncan Passage
TEN DEGREE CHANNEL
Little Nicobar
Great Nicobar
Indira Point

B — ADMINISTRATION & POPULATION

- U.T. Capital
- District Headquarters
- Taluk Headquarters

ESTIMATED RURAL POPULATION DENSITY — 1989 (Persons/sq km, District-wise)
1—50

ESTIMATED TOWN POPULATION — 1989 (in thousands)
50—100

Diglipor
Mayabunder
Rangat
ANDAMANS
Ferrargunj
PORT BLAIR
Car Nicobar
Nancowry
NICOBARS
Indira Point

Note:
Most taluks take their names from their headquarters. Where headquarters and taluks have the same names, only the headquarters have been located on the map. Where their names are different, the taluk's name is placed below the headquarters' location in brackets.

The population symbols also indicate the location of the respective towns

A — PHYSICAL

ALTITUDE SCALE
150m
0 Sea Level
75
300

Cherbaniani Reef
Byramgore Reef
Chettlatt I.
Kilttan I.
AMINDIVI ISLANDS
Kadamatt I.
Agatti I.
Andrott I.
Kavaratti I.
CANNANORE ISLANDS
Suheli I.
Kalpeni I.
NINE DEGREE CHANNEL
LAKSHADWEEP (INDIA)
Minicoy I.

B — ADMINISTRATION & POPULATION

- U.T. Capital
- Taluk Headquarters

ESTIMATED RURAL POPULATION DENSITY — 1989 (Persons/sq km)
Above 1000

Amindivi
Androtts
KAVARATTI
Minicoy

Note:
Most taluks take their names from their headquarters. Where headquarters and taluks have the same names, only the headquarters have been located on the map. Where their names are different, the taluk's name is placed below the headquarters' location in brackets.

C — TRANSPORT & TOURISM

TRANSPORT
- Other Roads
- Seaport

TOURISM
- Historical Site
- Wildlife Sanctuary
- Beach

LOCATIONS
- State Headquarters
- Tourist Centre
- Other Towns

Narcondam I.
North Andaman
Mayabandar
Pahlagaon
Middle Andaman
Barren I.
Ritchies Archipelago
Port Blair
South Sentinel
Nachugas
Chetamale
Car Nicobar I.
Kakana
Tillanchang Dwip
Tarasa Dwip
Koihoa
Katchall I.
Nancowry I.
Little Nicobar
Dakoank
Bananga
Great Nicobar
Indira Point

D — INDUSTRIES MARKETS & ECONOMIC DEVELOPMENT

- Other Industrial Centres
- Wood products
- Non-metallic products

ESTIMATED INDEX OF LEVELS OF ECONOMIC DEVELOPMENT — 1989
AVERAGE All India 100
U.T. 51
75—100
50—75

AGRICULTURE & MASS COMMUNICATION

- Rice
- Arecanut
- Sugarcane
- Coconut

Andamans
Port Blair
Nicobars
Indira Point

Note:
T.V. COVERAGE BY CENTRES
Port Blair: Area 900 sq. kms, population 50,000;
Car Nicobar: Area 120 sq. kms, population 15,000

C — TRANSPORT & TOURISM

TOURISM
- Historical Site
- Wildlife Sanctuary
- Beach

LOCATIONS
- State Headquarters
- Tourist Centre
- Other Towns

Amindivi Islands
Bangaram I.
Pitti I.
Androtts I.
Kavaratti I.
Minicoy I.

D — MASS COMMUNICATION & AGRICULTURE

ESTIMATED POPULATION COVERED BY T.V CENTRE —1986 (in million)
0—0.5
T.V. Centre

Amini I.
Androtts I.
Kavaratti I.
Station
Shade indicates population covered by T.V. Centre
Range 50 sq Kms
Banana
Coconut
Minicoy I.

ECONOMIC DEVELOPMENT

Note:
The index & levels of Economic development is 20.

Scale 1:8 500 000 1 cm = 85 kms

Scale 1:5 400 000 1 cm = 54 kms

CHANDIGARH, DADRA & NAGAR HAVELI AND DAMAN & DIU

A

PHYSICAL

Note:
Chandigarh is about 0—150 metres above the sea level.

ADMINISTRATION

U.T. Boundary

U.T. Headquarters

POPULATION

ESTIMATED RURAL POPULATION DENSITY — 1989 (Persons/sq km, District-wise)

501—1000

ESTIMATED TOWN POPULATION — 1989 (in thousands)

500—1000

B

AGRICULTURE

Wheat

Maize

Rice

C

INDUSTRIES & MARKETS

C Class Market

Major Industrial Centres

Other Industrial Centres

Electrical machinery

D

ECONOMIC DEVELOPMENT

ESTIMATED INDEX OF LEVELS OF ECONOMIC DEVELOPMENT — 1989

AVERAGE
U.T. 5292
All India 100

Over 200

TRANSPORT & TOURISM

TRANSPORT

21 National Highways (with number)

Other Roads

Railway Lines

TOURISM

Lake/Reservoir

LOCATIONS

U.T. Headquarters

Tourist Centre

Other Towns

A B

A

PHYSICAL

Note:
Dadra & Nagar Haveli is about 0—150 metres above the sea level.

ADMINISTRATION

U.T. Boundary

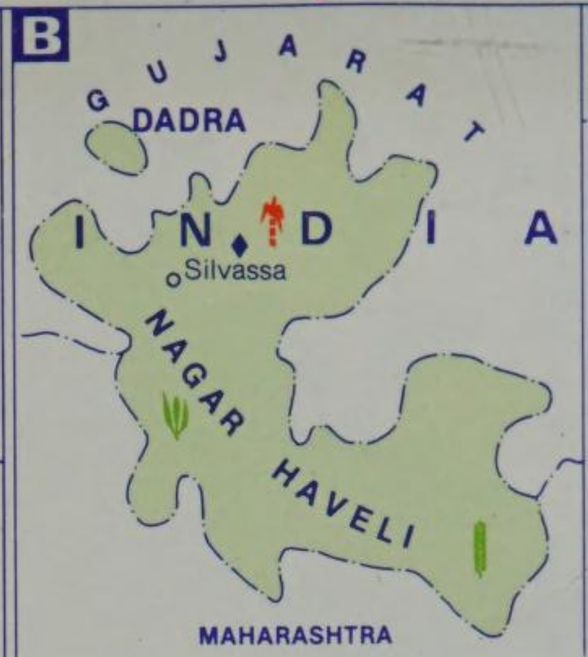
U.T. Headquarters

POPULATION

ESTIMATED RURAL POPULATION DENSITY — 1989 (Persons/sq km, District-wise)

201—300

B



AGRICULTURE

Ragi

Wheat

Sugarcane

INDUSTRIES & MARKETS

C Class Market

Leather, Rubber and Plastic products

Note:
MAJOR CROP: *Rice.*

C

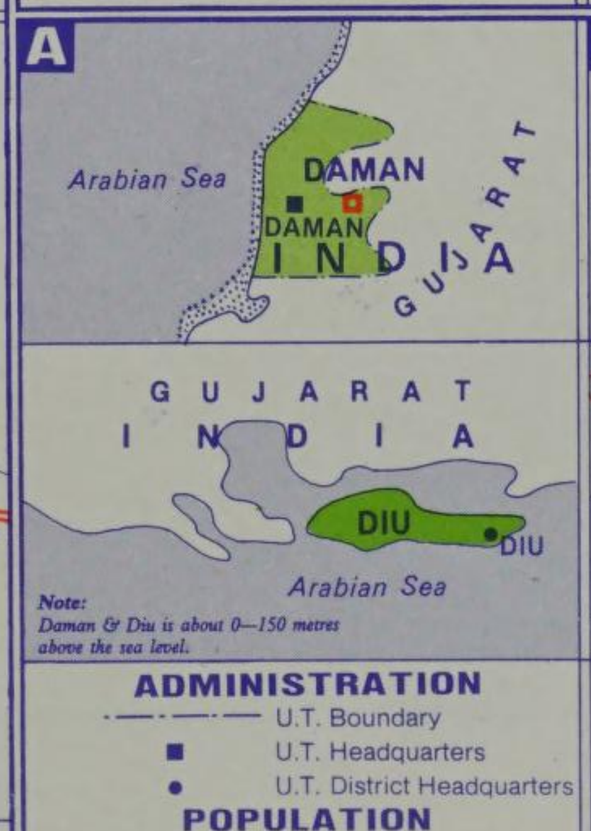
ECONOMIC DEVELOPMENT

ESTIMATED INDEX OF LEVELS OF ECONOMIC DEVELOPMENT — 1989

AVERAGE
U.T. 104
All India 100

100—150

A



Note:
Daman & Diu is about 0—150 metres above the sea level.

ADMINISTRATION

U.T. Boundary

U.T. Headquarters

U.T. District Headquarters

POPULATION

ESTIMATED RURAL POPULATION DENSITY — 1989 (Persons/sq km, District-wise)

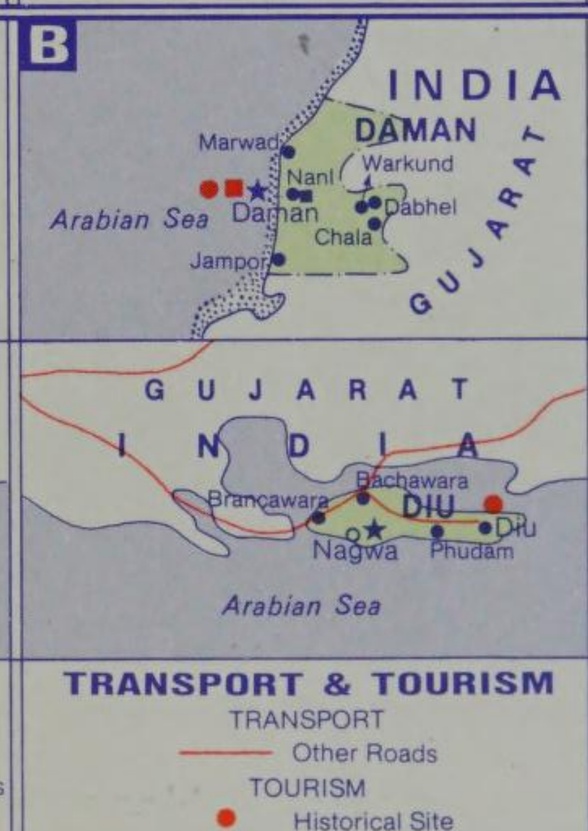
501—1000

301—500

ESTIMATED TOWN POPULATION — 1989 (in thousands)

20—50

B



TRANSPORT & TOURISM

TRANSPORT

Other Roads

TOURISM

Historical Site

Religious Centre

Beach

LOCATIONS

U.T. Headquarters

Tourist Centre

Other Towns

INDUSTRIES & MARKETS

C Class Market

C

ECONOMIC DEVELOPMENT

ESTIMATED INDEX OF LEVELS OF ECONOMIC DEVELOPMENT — 1989

AVERAGE
All India 100
U.T. 51

50—75

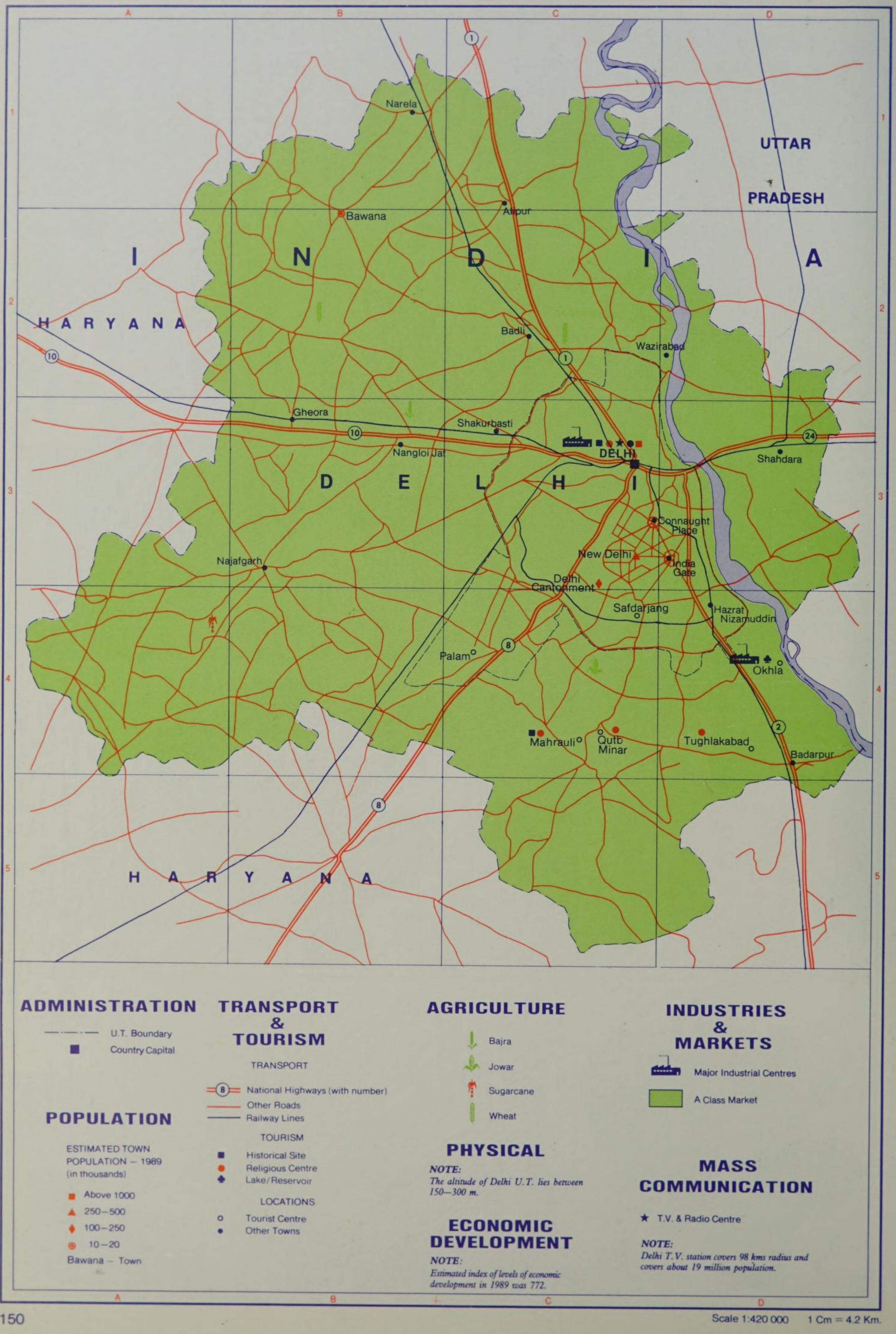
25—50

A B C

Chandigarh Scale 1:200 000 1 cm = 2 kms

Dadra & Nagar Haveli, Daman & Diu Scale 1:700 000 1 cm = 7 kms

DELHI



ADMINISTRATION

- U.T. Boundary
- Country Capital

POPULATION

ESTIMATED TOWN POPULATION – 1989 (in thousands)

- Above 1000
- 250–500
- 100–250
- 10–20

Bawana – Town

TRANSPORT & TOURISM

TRANSPORT

- National Highways (with number)
- Other Roads
- Railway Lines

TOURISM

- Historical Site
- Religious Centre
- Lake/Reservoir

LOCATIONS

- Tourist Centre
- Other Towns

AGRICULTURE

- Bajra
- Jowar
- Sugarcane
- Wheat

PHYSICAL

NOTE:
The altitude of Delhi U.T. lies between 150–300 m.

ECONOMIC DEVELOPMENT

NOTE:
Estimated index of levels of economic development in 1989 was 772.

INDUSTRIES & MARKETS

- Major Industrial Centres
- A Class Market

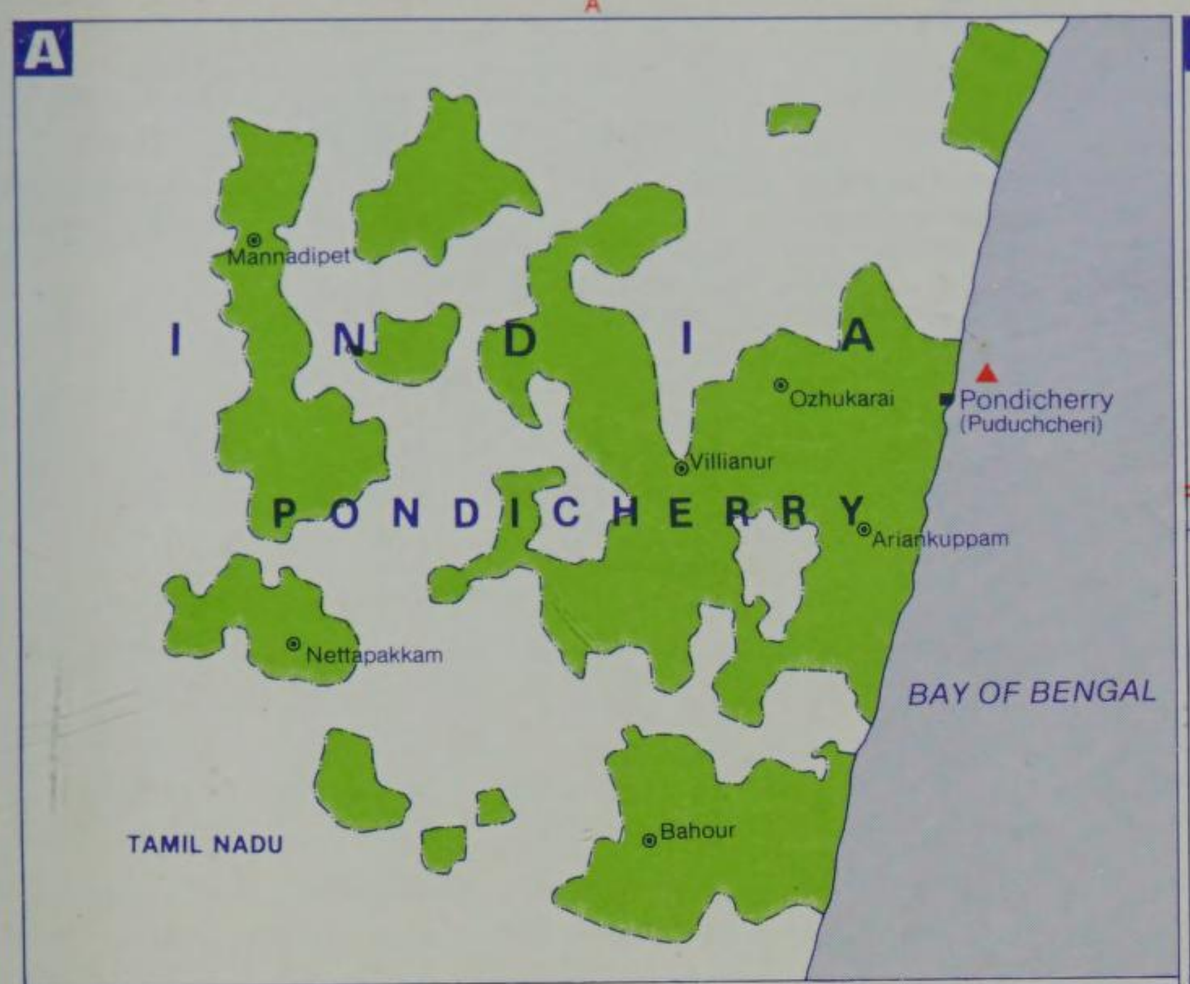
MASS COMMUNICATION

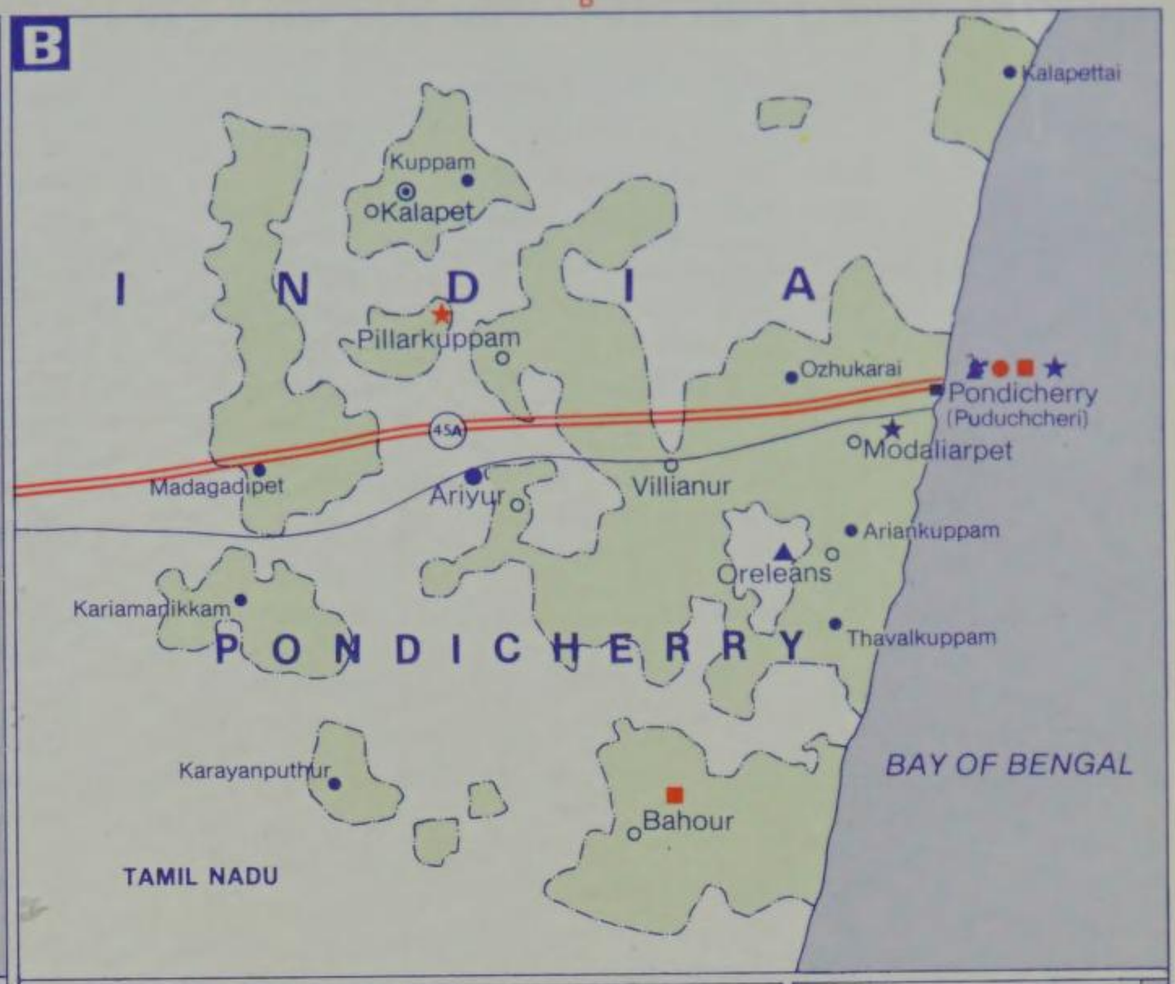
- ★ T.V. & Radio Centre

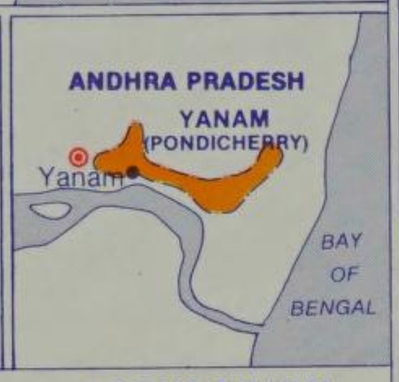
NOTE:
Delhi T.V. station covers 98 kms radius and covers about 19 million population.

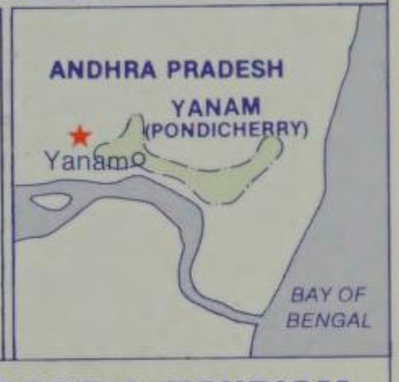
Scale 1:420 000 1 Cm = 4.2 Km.

PONDICHERRY









PHYSICAL

NOTE:
The altitude of Pondicherry lies between 0-150 m.

ADMINISTRATION

- U.T. Boundary
- U.T. Capital
- District Headquarters
- Taluk Headquarters

ESTIMATED TOWN POPULATION – 1989 (in thousands)
- 250–500
- 50–100
- 10–50

POPULATION

ESTIMATED RURAL POPULATION DENSITY – 1989 (Persons/sq km, District-wise)
- Above 1000
- 501–1000
- Urban

Yanam – Town

INDUSTRIES & MARKETS

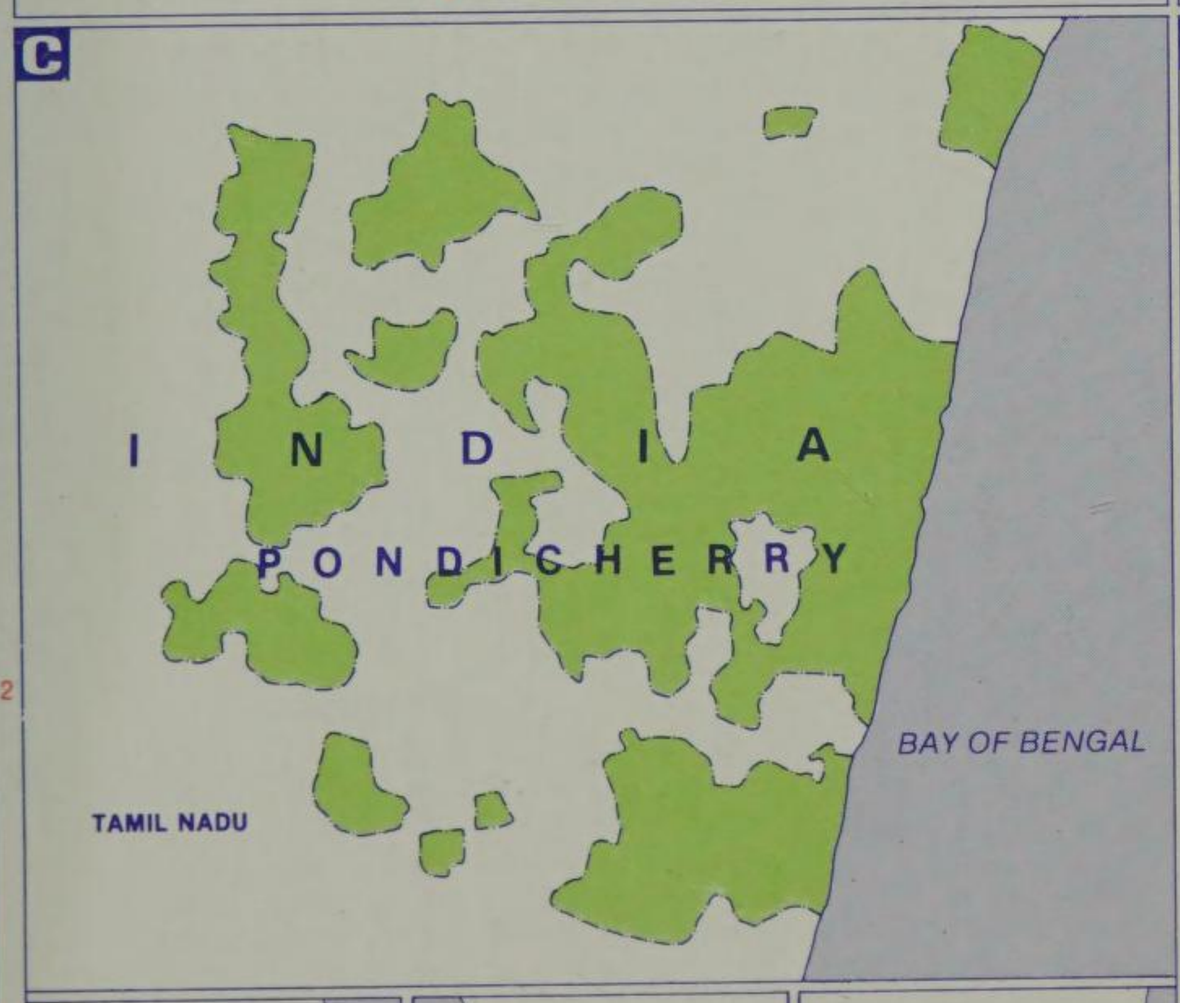
- C Class Market
- Beverage and Tobacco products
- Chemical products and Pharmaceuticals
- Food products
- Textile Industry
- Non-electrical machinery
- Non-metallic products
- Transport equipment

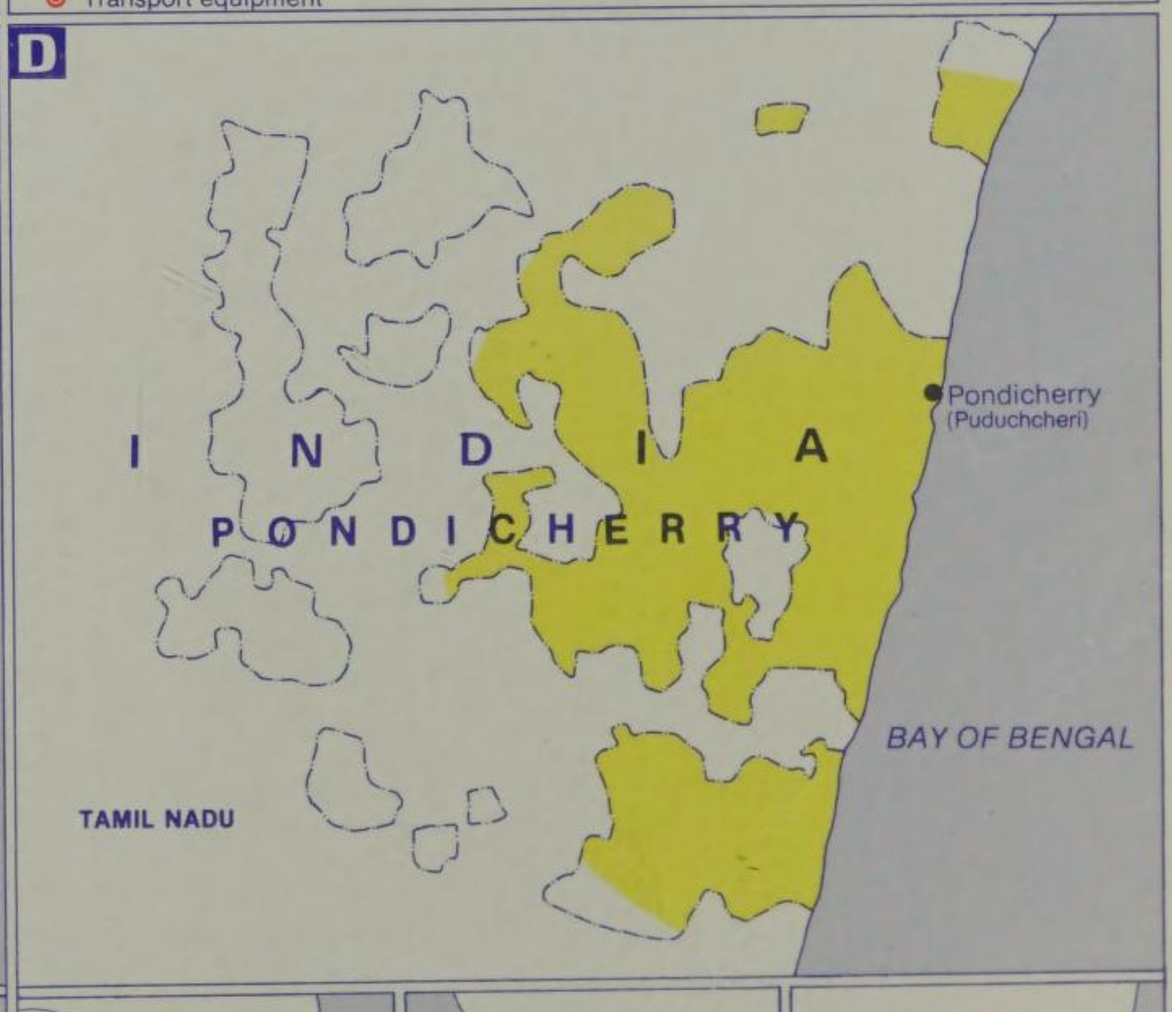
TRANSPORT & TOURISM

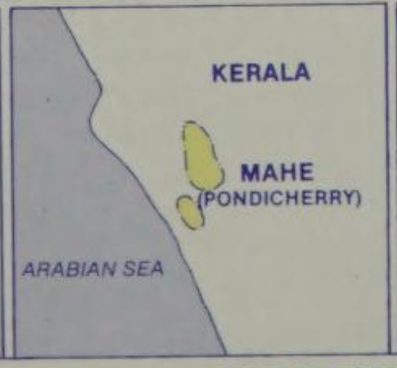
TRANSPORT
- National Highways (with number)
- Railway Lines
- Seaport

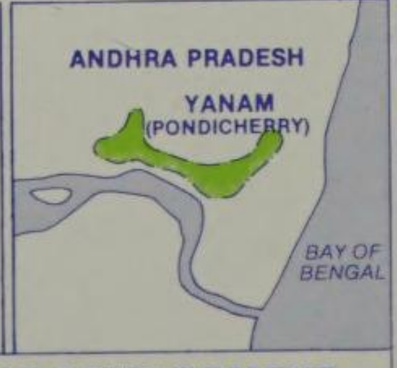
TOURISM
- Historical Site
- Religious Centre
- Beach
- Lake/Reservoir

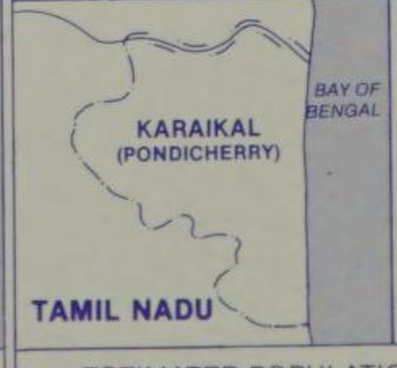
LOCATIONS
- U.T. Headquarters
- Tourist Centre
- Other Towns

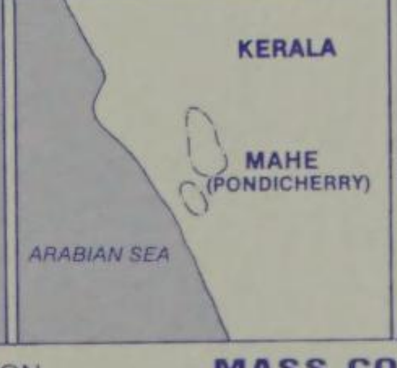


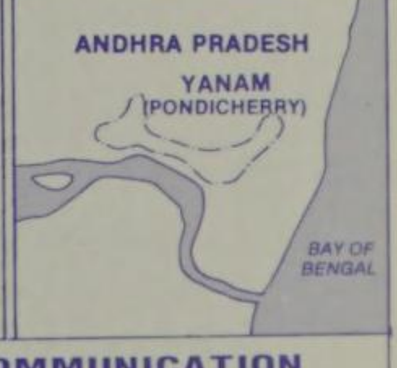












AGRICULTURE

CROP DATA:
MAJOR CROP: Rice
OTHER CROPS: Ragi, Bajra, Sugarcane, Groundnut and Cotton.

ECONOMIC DEVELOPMENT

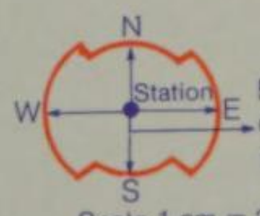
ESTIMATED INDEX OF LEVELS OF ECONOMIC DEVELOPMENT – 1989

AVERAGE
U.T. 152
All India 100

- Over 200
- 150–200
- 75–100
- 50–75

ESTIMATED POPULATION COVERED BY T.V CENTRE – 1986 (in million)
- 0.5–1
- T.V. & Radio Centre
- Station → Shade indicates population covered by T.V. Centre
- Range 20 sq. kms.

MASS COMMUNICATION



Furthest distance covered by Radio in 1984 (N.E.W.S) in km

Scale 1 cm = 3.6 kms

Scale 1:360 000 1 cm = 3.6 kms

RAINFALL AND TEMPERATURE REPORT (1931-60 AVERAGE)

Station	Temperature (in °C)		Total Rainfall (in Cm)	
	Daily Max.	Daily Min.	In wettest month	In driest month
ANDHRA PRADESH				
Anantapur(17B3)	33.3	21.9	77.8	23.3
Cuddapah(17C3)	34.5	24.0	127.4	29.9
Gannavaram(17D2)	33.5	23.5	148.8	67.6
Hanamkonda(19C1)	33.1	22.3	161.6	38.4
Hyderabad(17C2)	31.7	20.0	143.1	45.5
Kakinada(17E2)	31.7	23.8	182.6	40.8
Khammam(17D2)	34.2	22.9	134.2	53.1
Kurnool(17B3)	34.0	21.1	109.6	28.1
Machilipatnam(17D2)	31.7	24.0	176.5	54.2
Nellore(17C3)	34.0	24.4	163.8	29.6
Nizamabad(17C1)	33.1	20.9	172.3	49.5
Ongole(17D3)	32.8	24.3	135.8	58.9
Vishakhapatnam(17E2)	31.0	23.5	144.2	47.3
ASSAM				
Dhubri(26A2)	28.3	20.4	366.9	170.4
Dibrugarh(26D2)	27.7	18.7	330.0	216.5
Guwahati(26B2)	29.5	19.7	212.1	87.4
Guwahati(26B2)*	29.3	19.4	212.1	156.8
Lumding(26C3)	29.9	18.3	172.3	94.8
Nagaon(26C2)	32.6	18.1	186.8	34.5
Sibsagar(26D2)	28.3	19.2	320.9	174.4
Silchar(26C3)	29.9	19.9	559.8	193.9
Tezpur(26C2)	29.1	19.6	288.3	133.4
BIHAR				
Bhagalpur(32D4)	31.6	21.0	159.5	83.8
Chaibasa(32C7)	32.3	20.6	190.7	74.0
Daltenganj(32B5)	31.8	19.0	185.7	62.2
Darbhanga(32C3)	30.8	19.7	194.2	80.0
Dehri(36B3)	32.4	21.0	171.9	56.8
Dhanbad(32D6)	31.1	20.4	178.2	86.9
Dumka(32E5)	31.6	20.0	199.3	8.4
Gaya(32BC5)	32.3	20.1	189.3	58.8
Hazaribag(32C6)	29.4	18.2	214.6	87.4
Jamshedpur(36C4)	32.4	20.7	186.3	74.6
Jamui(36C3)	32.2	20.6	135.0	67.2
Motihari(32B3)	30.6	18.7	202.1	25.5
Patna(32C4)	31.6	20.8	195.9	64.2
Purnia(32E4)	30.8	19.0	233.8	69.1
Ranchi(32C6)	29.5	18.0	210.6	97.9
GUJARAT				
Ahmadabad(44C2)	34.2	20.5	199.8	12.0
Bharuch(44C3)	34.9	21.1	166.4	42.6
Bhavnagar(44C3)	33.4	21.0	143.8	14.7
Bhuj(44A2)	33.0	20.1	177.0	2.2
Dwarka(44A2)	29.2	22.9	108.0	2.6
Jamnagar(44B2)*	32.1	20.0	112.0	7.8
Rajkot(44B2)	33.9	19.6	205.0	15.4
Surat(44C3)	33.6	21.9	228.4	36.3
Veraval(44B3)	30.6	21.4	132.7	6.9
HARYANA				
Ambala(50C2)	31.8	17.5	204.8	34.8
Hisar(50B3)	32.8	17.4	104.8	15.8
Karnal(50C3)	30.9	17.7	115.1	38.4
HIMACHAL PRADESH				
Chamba(54B2)	33.2	21.5	178.5	117.8
Dharmsala(54B2)	23.6	15.5	472.1	221.9
Shimla(54C3)	17.1	10.1	278.7	99.3
JAMMU & KASHMIR				
Dras(60B2)	8.6	−4.7	127.3	35.7
Jammu(59B3)	30.0	18.7	196.5	64.6
Kargil(60C2)	14.5	3.3	63.7	8.5
Leh(59C2)	12.4	−1.4	23.1	2.5
Srinagar(59B2)	19.5	7.2	129.2	39.9
KARNATAKA				
Balehonnur(66B4)	26.9	17.5	366.6	197.6
Bangalore(64C4)	28.8	18.4	134.9	54.4
Bangalore(64C4)*	29.6	18.6	108.7	54.3
Belgaum(64B3)	30.1	18.0	284.8	73.0
Bellary(64C3)	32.9	22.2	94.9	20.8
Bidar(64C2)	31.1	20.7	183.8	43.8
Bijapur(64B2)	32.5	20.3	99.1	24.3
Chitradurga(64C3)	30.8	20.1	106.0	29.5
Gadag(66B3)	31.7	20.1	104.1	34.5
Gulbarga(64C2)	33.4	21.0	143.2	35.8
Hassan(64C4)	28.5	17.9	129.4	51.0
Honavar(64B3)	30.9	22.9	573.0	229.3
Madikeri(66B4)	24.1	16.5	576.9	214.7
Mangalore(66B4)	30.5	23.7	470.3	227.0
Mysore(64C4)	29.6	19.2	129.6	45.1
Raichur(64C2)	33.3	22.4	127.1	26.9
Shimoga(64B4)	30.6	19.2	119.0	67.4
KERALA				
Alleppey(71B3)	30.7	23.9	383.9	246.2
Calicut(71A2)	30.9	23.7	462.4	188.7
Fort Cochin(72B3)	29.8	24.4	421.5	204.7
Palghat(71B2)	32.3	23.4	290.7	150.8
Trivandrum(71B3)	30.7	23.5	303.6	102.9
MADHYA PRADESH				
Ambikapur(79G3)	30.2	17.4	233.9	108.2
Betul(77D4)	30.7	17.9	166.2	70.9
Bhopal(77D3)	31.5	18.5	178.0	50.9
Chhindwara(77E3)	30.6	18.2	181.0	48.7
Guna(77D2)	31.8	17.6	181.3	67.5
Gwalior(77E1)	32.5	18.8	151.4	22.4
Hoshangabad(77D3)	32.4	20.0	204.6	58.8
Indore(77C3)	31.3	17.5	174.3	40.0
Jabalpur(77E3)	32.1	18.3	240.7	77.4
Jagdalpur(79F5)	31.2	18.9	239.5	88.2
Kanker(79F4)	31.6	19.9	197.6	87.9
Khandwa(79D4)	33.6	19.6	151.8	22.6
Mandla(77F3)	31.7	17.1	164.9	115.3
Nimachi(79C2)	31.5	18.6	175.1	30.5
Pachmarhi(79E3)	26.9	15.9	336.6	100.3
Raigarh(77G4)	33.5	21.5	204.7	98.7
Raipur(77F4)	32.6	21.2	218.1	68.9
Ratlam(77C3)	31.9	19.2	151.2	56.3
Sagar(77E3)	30.9	19.5	200.6	59.2
Satna(77F2)	32.1	18.7	168.3	67.5
Seoni(77E3)	30.8	18.5	212.7	62.1
Sheopur(79D2)	32.9	18.5	132.0	67.2
Umaria(79F3)	31.4	18.0	212.4	71.2
MAHARASHTRA				
Ahmadnagar(85C2)	32.2	18.5	111.9	28.7
Akola(85D1)	34.0	20.4	168.3	30.7
Alibag(87B2)	30.0	22.6	339.7	72.1
Aurangabad(85C2)	32.4	19.7	117.2	26.7
Bombay(85B2)	31.0	23.6	348.2	84.9
Bombay(85B2)*	31.6	21.9	378.5	181.4
Buldana(85D1)	30.9	20.5	127.3	53.0
Devgarh(85B3)	30.5	23.9	336.8	190.9
Gondia(85F1)	32.7	20.9	166.8	98.6
Jalgaon(85C1)	34.6	19.9	135.2	20.6
Kolhapur(85C3)	31.2	19.2	140.1	80.6
Mahabaleshwar(85B3)	24.1	16.1	1,022.1	354.5
Malegaon(87C1)	33.5	18.6	97.6	20.5
Nagpur(85E1)	33.5	20.3	193.1	36.5
Parbhani(85D2)	33.7	19.9	149.6	27.3
Pune(85B2)	32.0	18.2	124.2	26.9
Ratnagiri(85B3)	30.8	23.1	409.3	140.7
Sironcha(85E2)	33.9	22.3	196.1	24.7
Solapur(85C3)	33.7	20.5	124.0	32.5
Vengurla(85B4)	31.2	22.4	395.6	258.3
Yavatmal(85E1)	32.8	21.0	174.6	72.1
MEGHALAYA				
Cherrapunji(94C2)	20.6	14.3	1,570.7	717.8
Tura(94B2)	28.4	19.4	413.3	281.7
MIZORAM				
Aizawl(96A2)	23.9	16.3	284.6	158.4
ORISSA				
Anugul(101C2)	32.5	21.5	183.1	75.6
Baleshwar(101D2)	31.5	22.0	295.7	107.7
Chandbali(101D2)	33.5	22.1	233.5	86.7
Cuttack(101C2)	32.9	22.5	236.4	88.5
Gopalpur(103C3)	33.3	23.0	204.1	65.5
Koraput(101B3)	28.1	17.8	215.8	139.5
Puri(101C3)	30.0	24.1	198.4	60.0
Sambalpur(101B2)	32.9	20.8	230.8	93.5
Titlagarh(101B2)	33.0	21.3	202.5	108.7
PUNJAB				
Amritsar(107B2)	30.5	15.9	101.4	25.8
Firozpur(107B3)	31.3	16.7	82.1	36.1
Ludhiana(107C3)	31.9	17.3	140.2	23.7
Pathankot(107C1)	29.8	16.6	206.6	98.7
Patiala(107D3)	31.4	17.6	120.4	33.6
RAJASTHAN				
Abu(114C3)	24.9	16.5	399.1	29.0
Ajmer(112D2)	31.2	18.3	122.7	14.9
Barmer(112B3)	34.0	22.2	89.5	12.9
Bikaner(112C1)	33.6	18.2	77.1	2.9
Ganganagar(112C1)	32.9	17.0	64.1	12.3
Jaipur(112D2)	31.7	18.4	140.4	12.0
Jaisalmer(112B2)	34.0	19.0	45.4	10.4
Jhalawar(112E3)	32.6	18.9	169.8	44.5
Jodhpur(112C2)	33.6	19.8	117.7	2.4
Kota(112D3)	33.3	20.8	159.3	17.2
Sikar(112D2)	31.9	17.3	63.2	26.9
Udaipur(112C3)	31.1	17.5	122.3	25.2
TAMILNADU				
Coimbatore(121A2)	31.1	21.7	105.9	32.4
Coimbatore(121A2)*	31.7	21.2	88.0	24.4
Coonoor(121A2)	21.2	12.6	223.9	113.0
Cuddalore(121B2)	32.1	24.2	244.4	53.7
Kallakkurichchi(121B2)	33.9	23.6	136.0	56.7
Kodaikanal(121A2)	17.9	10.6	235.5	118.4
Madras(121C1)*	32.9	24.3	213.5	52.2
Madurai(121B3)	33.9	24.0	143.7	41.1
Nagapattinam(121B2)	31.9	25.2	219.6	60.4
Palayankottai(123A3)	33.7	24.9	131.1	32.7
Pamban(122B3)	30.6	25.7	177.2	41.1
Salem(121B2)	33.5	22.6	153.2	52.7
Tiruchchirappalli(121B2)	33.7	24.0	132.4	51.2
Udagamandalam(121A2)	19.5	9.1	192.7	90.3
Vellore(121B1)	33.1	22.8	170.2	46.8
UTTAR PRADESH				
Agra(131B4)	32.3	19.0	120.2	27.7
Aligarh(131B4)	31.9	18.7	134.3	20.5
Allahabad(131C5)	32.4	19.8	193.6	51.6
Azamgarh(131D4)	32.3	19.6	160.5	63.7
Bahraich(131C4)	31.5	19.1	244.3	46.9
Banda(131C5)	32.9	19.9	134.3	79.4
Bareilly(131B3)	31.5	18.9	197.4	49.2
Dehra Dun(131B2)	27.8	15.8	311.9	115.2
Fatehpur(131C5)	32.4	19.5	136.1	53.7
Gonda(131C4)	31.5	18.8	222.2	40.6
Gorakhpur(131D4)	31.4	20.0	245.5	65.0
Hardoi(131C4)	31.9	19.0	184.6	54.3
Jhansi(131B5)	32.8	19.7	149.6	31.5
Kanpur(131C4)*	32.1	19.3	156.7	42.1
Kheri(131C3)	31.5	19.0	151.7	74.8
Lucknow(131C4)	32.3	19.4	186.7	42.4
Lucknow(131C4)*	31.9	18.5	153.0	54.6
Mainpuri(131B4)	32.8	18.7	147.7	30.0
Meerut(131A3)	31.2	18.3	152.0	30.2
Mussoorie(134B2)	18.0	10.4	328.5	147.6
Orai(131B5)	32.6	19.1	172.5	73.8
Roorkee(134A3)	30.2	17.0	230.0	51.2
Varanasi(131D5)	32.2	19.8	210.9	44.6
WEST BENGAL				
Asansol(140B5)	32.0	20.8	213.5	96.4
Barddhaman(140C5)	31.7	21.4	225.8	88.6
Baghdogra(140C5)	29.7	18.3	442.9	238.0
Baharampur(142B2)	31.9	20.8	213.7	77.5
Calcutta(140D6)	31.8	22.1	250.1	90.9
Calcutta(140D6)*	31.4	21.4	262.6	86.7
Darjiling(140D1)	16.4	10.2	402.4	227.1
Jalpaiguri(140D2)	28.8	19.3	429.2	172.0
Kalimpong(142B1)	21.5	14.5	310.2	177.8
Koch Bihar(140E2)	29.7	19.4	653.4	211.2
Krishna Nagar(140D5)	32.4	20.6	229.6	88.5
Maldah(140D3)	30.6	20.2	230.6	85.9
Medinipur(140C6)	32.2	21.5	248.0	76.1
Puruliya(140B5)	31.9	21.0	157.0	92.8
ANDAMAN & NICOBAR				
Port Blair(148B2)	29.6	3.5	402.7	213.2
DELHI				
New Delhi(150C3)	31.7	18.8	153.3	26.3
GOA				
Marmagao(41A1)	29.5	23.7	350.0	184.4
LAKSHADWEEP				
Amini(148B2)	31.1	25.4	255.0	91.0
Minicoy(148B2)	29.9	24.6	224.8	105.0

Note: 1. * Airport 2. Within brackets by the side of the each town names are given the page and grid reference for the location of the town.

Tables

This section consists of five Tables and an Index. The Population table gives the projected estimates for the year 1990, showing the male, female and the rural-urban divide. These figures are likely to approximate the numbers the 1991 Census will reveal. The table on Crop Production gives by state and district the area sown and the actual production figures of 14 major crops of India for the year 1982-1983. The Rainfall and Temperature Report gives the average figures for a 30 year period from 1931-1960; this data is from over 200 meterological stations in India. The table on Mineral Production gives the production figures and the value of 59 major minerals found in India for the year 1982-1983. The table also shows the states and districts where these mineral deposits are found.

The table on Industrial Locations is grouped under 12 major manufacturing categories. It shows the states and districts in which these industries are located. The Index has over 12,000 entries with a cross-grid reference number to enable the user to locate any place marked on the map. All locations marked on the maps in the second section of this atlas are indexed.

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Note:
All data contained in the tables of this section is officially published material available with us as on 1.1.1990. Where no data was available it has been indicated by N.A. (Data Not Available).

POPULATION
(An estimate in 1990)

(in thousands)

STATE / DISTRICT	TOTAL	MALE	FEMALE	RURAL	URBAN
Andhra Pradesh	**65,275**	**33,680**	**31,595**	**46,550**	**18,725**
Adilabad	2,000	1,010	990	1,525	475
Anantapur	2,975	1,525	1,450	2,275	700
Chittoor	3,175	1,625	1,550	2,550	625
Cuddapah	2,300	1,300	1,000	1,700	600
East Godavari	4,300	2,200	2,100	3,200	1,100
Guntur	4,000	2,030	1,970	2,350	1,650
Hyderabad	2,950	1,550	1,400	—	2,950
Karimnagar	2,900	1,500	1,400	2,300	600
Khammam	2,150	1,100	1,050	1,750	400
Krishna	3,750	1,975	1,775	2,300	1,450
Kurnool	2,825	1,450	1,375	1,975	850
Mahbubnagar	2,975	1,500	1,475	2,500	475
Medak	2,150	1,100	1,050	1,800	350
Nalgonda	2,750	1,400	1,350	2,200	550
Nellore	2,425	1,325	1,100	1,700	725
Nizamabad	2,050	1,125	925	1,500	550
Prakasam	2,750	1,400	1,350	2,200	550
Rangareddi	2,075	1,050	1,025	1,450	625
Srikakulam	2,275	1,115	1,160	2,025	250
Vishakhapatnam	3,750	1,900	1,850	2,500	1,250
Vizianagaram	2,625	1,325	1,300	2,100	525
Warangal	2,750	1,400	1,350	2,150	600
West Godavari	3,375	1,775	1,600	2,500	875
Arunachal Pradesh	**806**	**433**	**373**	**731**	**75**
Dibang Valley	40	25	15	40	—
East Kameng	51	25	26	51	—
East Siang	81	44	37	68	13
Lohit	94	53	41	85	9
Lower Subansiri	161	86	75	129	32
Tirap	162	87	75	162	—
Upper Subansiri	56	29	27	52	4
West Kameng	75	39	36	71	4
West Siang	86	45	41	73	13
Assam	**24,123**	**12,721**	**11,402**	**21,994**	**2,129**
Cachar	2,826	1,470	1,356	2,602	224
Darrang	2,864	1,517	1,347	2,693	171
Goalpara	3,670	1,904	1,766	3,385	285
Kamrup	4,709	2,491	2,218	4,156	553
Karbi Anglong (Mikir Hills)	625	333	292	608	17
Lakhimpur	3,501	1,873	1,628	3,084	417
Nagaon	2,772	1,458	1,314	2,575	197
North Cachar Hills	125	68	57	116	9
Sibsagar	3,031	1,607	1,424	2,775	256
Bihar	**86,290**	**45,170**	**41,120**	**73,665**	**12,625**
Aurangabad	1,750	900	850	1,550	200
Begusarai	1,600	850	750	1,400	200
Bhagalpur	3,175	1,675	1,500	2,755	420
Bhojpur	2,500	1,300	1,200	2,100	400
Darbhanga	2,200	1,150	1,050	2,000	200
Dhanbad	2,875	1,575	1,300	1,275	1,600
Gaya	3,430	1,720	1,710	3,070	360
Giridih	1,875	975	900	1,575	300
Gopalganj	1,850	950	900	1,675	175
Hazaribag	3,050	1,630	1,420	2,525	525
Katihar	1,700	880	820	1,550	150
Madhubani	3,085	1,690	1,395	2,900	185
Munger	4,550	2,450	2,100	3,900	650
Muzaffarpur	2,850	1,470	1,380	2,600	250
Nalanda	2,450	1,290	1,160	1,830	620
Nawada	1,310	660	650	1,150	160
Palamu	2,350	1,200	1,150	2,150	200
Pashchim Champaran	2,850	1,500	1,350	2,600	250
Patna	3,325	1,750	1,575	2,200	1,125
Purba Champaran	3,775	1,950	1,825	3,600	175
Purnia	4,450	2,290	2,160	3,950	500
Ranchi	3,500	1,790	1,710	2,700	800
Rohtas	3,575	1,890	1,685	3,100	475
Saharsa	3,575	1,850	1,725	3,325	250
Samastipur	2,575	1,450	1,125	2,400	175
Santhal Pargana	4,225	2,150	2,075	3,800	425
Saran	2,375	1,275	1,100	2,195	180
Singhbhum	3,275	1,775	1,500	2,070	1,205
Sitamarhi	2,375	1,200	1,175	2,200	175
Siwan	1,995	995	1,000	1,840	155
Vaishali	1,820	940	880	1,680	140
Goa	**1,225**	**675**	**550**	**775**	**450**
Gujarat	**41,770**	**21,595**	**20,175**	**27,530**	**14,240**
Ahmadabad	4,910	2,560	2,350	1,210	3,700
Amreli	1,310	660	650	1,040	270
Banas Kantha	2,100	1,080	1,020	1,900	200
Bharuch	1,470	870	600	1,180	290

(in thousands)

STATE / DISTRICT	TOTAL	MALE	FEMALE	RURAL	URBAN
Bhavnagar	2,390	1,210	1,180	1,570	820
Gandhinagar	390	200	190	270	120
Jamnagar	1,680	870	810	1,010	670
Junagadh	2,550	1,300	1,250	1,750	800
Kachchh	1,250	630	620	910	340
Kheda	3,575	1,840	1,735	2,850	725
Mahesana	2,995	1,520	1,475	2,360	635
Panch Mahals	2,800	1,450	1,350	2,500	300
Rajkot	2,580	1,350	1,230	1,450	1,130
Sabar Kantha	1,825	925	900	1,620	205
Surat	3,290	1,700	1,590	1,600	1,690
Surendranagar	1,220	630	590	750	470
The Dangs	135	75	60	135	—
Vadodara	3,175	1,650	1,525	1,825	1,350
Valsad	2,125	1,075	1,050	1,600	525
Haryana	**15,780**	**8,455**	**7,325**	**11,800**	**3,980**
Ambala	1,730	920	810	1,140	590
Bhiwani	1,110	590	520	800	310
Faridabad	1,070	600	470	610	460
Gurgaon	910	480	430	700	210
Hisar	1,850	990	860	1,460	390
Jind	1,350	730	620	1,100	250
Karnal	1,560	840	720	1,150	410
Kurukshetra	1,570	840	730	1,160	410
Mahendragarh	1,150	590	560	970	180
Rohtak	1,590	840	750	1,230	360
Sirsa	895	500	395	690	205
Sonipat	995	535	460	790	205
Himachal Pradesh	**5,120**	**2,584**	**2,536**	**4,554**	**566**
Bilaspur	300	150	150	280	20
Chamba	370	190	180	335	35
Hamirpur	370	175	195	340	30
Kangra	1,180	600	580	1,090	90
Kinnaur	69	36	33	69	—
Kullu	285	148	137	259	26
Lahul & Spiti	36	20	16	36	—
Mandi	780	395	385	700	80
Shimla	600	280	320	480	120
Sirmaur	370	200	170	330	40
Solan	370	190	180	320	50
Una	390	200	190	315	75
Jammu & Kashmir	**7,430**	**3,825**	**3,605**	**5,743**	**1,687**
Anantang	800	425	375	695	105
Badgam	475	260	215	400	75
Baramula	840	445	395	710	130
Doda	510	270	240	465	45
Jammu	1,175	500	675	790	385
Kargil	80	45	35	73	7
Kathua	470	250	220	410	60
Kupwara	400	215	185	381	19
Ladakh	85	45	40	73	12
Pulwama	496	262	234	442	54
Punch	280	148	132	257	23
Rajauri	396	207	189	368	28
Srinagar	853	455	398	175	678
Udhampur	570	298	272	504	66
Karnataka	**44,820**	**22,875**	**21,945**	**30,150**	**14,670**
Bangalore	6,810	3,545	3,265	1,790	5,020
Belgaum	3,530	1,800	1,730	2,670	860
Bellary	1,880	950	930	1,280	600
Bidar	1,160	590	570	930	230
Bijapur	2,810	1,450	1,360	2,100	710
Chikmagalur	1,090	550	540	880	210
Chitradurga	2,170	1,110	1,060	1,600	570
Dakshin Kannad	2,810	1,370	1,440	2,010	800
Dharwad	3,100	1,600	1,500	2,000	1,100
Gulbarga	2,410	1,220	1,190	1,760	650
Hassan	1,620	820	800	1,360	260
Kodagu	530	280	250	450	80
Kolar	2,300	1,170	1,130	1,740	560
Mandya	1,680	850	830	1,390	290
Mysore	3,120	1,590	1,530	2,210	910
Raichur	2,160	1,090	1,070	1,660	500
Shimoga	2,020	1,030	990	1,470	550
Tumkur	2,320	1,190	1,130	1,960	360
Uttar Kannad	1,300	670	630	890	410
Kerala	**29,245**	**14,320**	**14,925**	**23,170**	**6,075**
Alleppey	2,550	1,240	1,310	2,170	380
Cannanore	3,375	1,650	1,725	2,550	825
Ernakulam	2,660	1,320	1,340	1,600	1,060
Idukki	1,180	600	580	840	340
Kottayam	1,840	920	920	1,650	190
Kozhikode	2,670	1,320	1,350	1,920	750
Malappuram	2,970	1,440	1,530	2,730	240
Palghat	2,390	1,160	1,230	2,120	270

Population (Contd.)

(in thousands)

STATE / DISTRICT	TOTAL	MALE	FEMALE	RURAL	URBAN
Quilon	3,190	1,560	1,630	2,540	650
Trichur	2,730	1,290	1,440	2,100	630
Trivandrum	2,980	1,460	1,520	2,240	740
Wayanad	710	360	350	710	—
Madhya Pradesh	**63,090**	**32,550**	**30,540**	**47,795**	**15,295**
Balaghat	1,310	650	660	1,170	140
Bastar	2,170	1,090	1,080	1,890	280
Betul	1,120	570	550	870	250
Bhind	1,160	640	520	960	200
Bhopal	1,300	690	610	280	1,020
Bilaspur	3,450	1,740	1,710	2,760	690
Chhatarpur	1,070	570	500	850	220
Chhindwara	1,480	750	730	1,120	360
Damoh	880	480	400	740	140
Datia	370	200	170	280	90
Dewas	1,010	530	480	790	220
Dhar	1,280	650	630	1,080	200
Durg	2,330	1,180	1,150	1,540	790
East Nimar	1,450	740	710	1,010	440
Guna	1,230	650	580	1,040	190
Gwalior	1,370	740	630	580	790
Hoshangabad	1,210	630	580	870	340
Indore	1,840	970	870	700	1,140
Jabalpur	2,740	1,430	1,310	1,410	1,330
Jhabua	920	465	455	830	90
Mandla	1,200	605	595	1,090	110
Mandsaur	1,590	820	770	1,260	330
Morena	1,650	900	750	1,370	280
Narsimhapur	790	410	380	680	110
Panna	650	340	310	590	60
Raigarh	1,590	790	800	1,420	170
Raipur	3,520	1,750	1,770	2,740	780
Raisen	880	460	420	720	160
Rajgarh	960	490	470	805	155
Raj Nandgaon	1,340	660	680	1,150	190
Ratlam	940	490	450	640	300
Rewa	1,440	730	710	1,080	360
Sagar	1,590	840	750	1,100	490
Satna	1,390	730	660	1,000	390
Sehore	810	430	380	690	120
Seoni	950	480	470	860	90
Shahdol	1,680	870	810	1,290	390
Shajapur	1,010	520	490	830	180
Shivpuri	1,060	570	490	900	160
Sidhi	1,210	610	600	1,170	40
Surguja	1,940	990	950	1,740	200
Tikamgarh	920	480	440	650	270
Ujjain	1,390	720	670	840	550
Vidisha	910	490	420	730	180
West Nimar	1,990	1,010	980	1,680	310
Maharashtra	**75,540**	**38,880**	**36,660**	**46,085**	**29,455**
Ahmadnagar	3,130	1,590	1,540	2,670	460
Akola	2,150	1,090	1,060	1,590	560
Amravati	2,180	1,120	1,060	1,510	670
Aurangabad	2,890	1,480	1,410	2,030	860
Bhandara	2,080	1,045	1,035	1,770	310
Beed	1,680	850	830	1,360	320
Buldana	1,710	890	820	1,300	410
Chandrapur	2,480	1,270	1,210	2,100	380
Dhule	2,440	1,230	1,210	1,915	525
Greater Bombay	10,760	5,910	4,850	—	10,760
Jalgaon	3,110	1,590	1,520	2,280	830
Kolhapur	2,960	1,490	1,470	2,140	820
Nagpur	3,280	1,710	1,570	1,360	1,920
Nanded	2,110	1,070	1,040	1,660	450
Nashik	3,630	1,870	1,760	2,400	1,230
Osmanabad	2,550	1,290	1,260	2,090	460
Parbhani	2,150	1,100	1,050	1,590	560
Pune	5,200	2,680	2,520	2,420	2,780
Raigarh	1,700	840	860	1,420	280
Ratnagiri	2,220	995	1,225	2,040	180
Sangli	2,110	1,070	1,040	1,600	510
Satara	2,340	1,130	1,210	2,020	320
Solapur	2,950	1,510	1,440	2,030	920
Thane	4,610	2,460	2,150	2,290	2,320
Wardha	1,070	550	520	790	280
Yavatmal	2,050	1,050	1,000	1,710	340
Manipur	**1,740**	**895**	**845**	**1,110**	**630**
Manipur Central	1,110	560	550	650	460
Manipur East	105	55	50	90	15
Manipur North	200	110	90	140	60
Manipur South	170	90	80	115	55
Manipur West	85	40	45	60	25
Tengnoupal	70	40	30	55	15
Meghalaya	**1,682**	**861**	**821**	**1,379**	**303**
East Garo Hills	172	89	83	167	5
East Khasi Hills	644	331	313	416	228
Jaintia Hills	197	100	97	181	16
West Garo Hills	466	237	229	416	50
West Khasi Hills	203	104	99	199	4
Mizoram	**691**	**360**	**331**	**520**	**171**
Aizawl	477	247	230	340	137
Chhimtuipui	93	49	44	83	10
Lunglei	121	64	57	97	24
Nagaland	**1,082**	**581**	**501**	**915**	**167**
Kohima	350	195	155	256	94
Mokokchung	146	77	69	121	25
Mon	110	59	51	100	10
Phek	98	52	46	98	—
Tuensang	213	113	100	196	17
Wokha	80	42	38	69	11
Zunheboto	85	43	42	75	10
Orissa	**30,730**	**15,575**	**15,155**	**25,520**	**5,210**
Balangir	1,660	840	820	1,340	320
Baleshwar	2,670	1,350	1,320	2,290	380
Cuttack	5,410	2,760	2,650	4,700	710
Dhenkanal	1,860	960	900	1,650	210
Ganjam	3,020	1,490	1,530	2,340	680
Kalahandi	1,510	750	760	1,390	120
Kendujhar	1,270	640	630	1,010	260
Koraput	2,920	1,455	1,465	2,500	420
Mayurbhanj	1,720	870	850	1,590	130
Phulabani	810	410	400	740	70
Puri	3,500	1,800	1,700	2,750	750
Sambalpur	2,720	1,380	1,340	2,210	510
Sundargarh	1,660	870	790	1,010	650
Punjab	**19,440**	**10,280**	**9,160**	**13,265**	**6,175**
Amritsar	2,530	1,340	1,190	1,610	920
Bathinda	1,590	850	740	1,210	380
Faridkot	1,720	920	800	1,245	475
Gurdaspur	1,790	930	860	1,380	410
Firozpur	980	510	470	740	240
Hoshiarpur	1,430	740	690	1,190	240
Jalandhar	2,000	1,050	950	1,200	800
Kapurthala	670	350	320	430	240
Ludhiana	2,230	1,190	1,040	1,180	1,050
Patiala	1,940	1,030	910	1,310	630
Rupnagar	890	480	410	520	370
Sangrur	1,670	890	780	1,250	420
Rajasthan	**43,240**	**22,415**	**20,825**	**32,445**	**10,795**
Ajmer	1,740	900	840	910	830
Alwar	2,160	1,130	1,030	1,870	90
Banswara	1,140	580	560	1,060	80
Barmer	1,520	890	630	1,350	170
Bharatpur	2,290	1,250	1,040	1,830	460
Bhilwara	1,560	790	770	1,290	270
Bikaner	1,180	630	550	730	450
Bundi	730	380	350	590	140
Chittaurgarh	1,540	780	760	1,270	270
Churu	1,510	770	740	1,070	440
Dungarpur	850	410	440	780	70
Ganganagar	2,570	1,280	1,290	1,820	750
Jaipur	4,400	2,300	2,100	2,600	1,800
Jaisalmer	340	190	150	290	50
Jalor	1,160	590	570	1,010	150
Jhalawar	950	490	460	820	130
Jhunjhunun	1,510	760	750	1,150	360
Jodhpur	2,270	1,180	1,090	1,425	845
Kota	2,010	1,065	945	1,150	860
Nagaur	2,010	1,020	990	1,650	360
Pali	1,600	830	770	1,150	450
Sawai Madhopur	1,900	1,010	890	1,610	290
Sikar	1,730	880	850	1,320	410
Sirohi	670	340	330	520	150
Tonk	950	490	460	760	190
Udaipur	2,950	1,480	1,470	2,420	530
Sikkim	**398**	**217**	**181**	**334**	**64**
East	174	97	77	120	54
North	33	18	15	32	1
South	96	52	44	89	7
West	95	50	45	93	2
Tamil Nadu	**55,020**	**27,680**	**27,340**	**35,130**	**19,890**
Chengalpattu	4,330	2,210	2,120	2,490	1,840
Coimbatore	3,520	1,810	1,710	1,600	1,920
Dharmapuri	2,310	1,180	1,130	2,010	300
Kanniyakumari	1,610	820	790	1,330	280
Madras	4,130	2,110	2,020	—	4,130
Madurai	5,090	2,580	2,510	3,140	1,950
Nilgiri	770	390	380	400	370
North Arcot	5,040	2,550	2,490	3,780	1,260
Periyar	2,320	1,190	1,130	1,740	580
Pudukkottai	1,360	700	660	1,150	210
Ramanathapuram	3,780	1,880	1,900	2,650	1,130
Salem	3,860	1,990	1,870	2,570	1,290

Population (Contd.)

(in thousands)

STATE/DISTRICT	TOTAL	MALE	FEMALE	RURAL	URBAN
Tamil Nadu					
South Arcot	4,750	2,300	2,450	3,900	850
Thanjavur	4,250	2,150	2,100	3,180	1,070
Tiruchchirappalli	3,990	1,820	2,170	2,790	1,200
Tirunelveli	3,910	2,000	1,910	2,400	1,510
Tripura	**3,680**	**1,900**	**1,780**	**3,000**	**680**
North Tripura	600	320	280	540	60
South Tripura	2,080	1,060	1,020	1,610	470
West Tripura	1,000	520	480	850	150
Uttar Pradesh	**132,090**	**70,255**	**61,835**	**102,240**	**29,850**
Agra	3,390	1,850	1,540	2,060	1,330
Aligarh	3,030	1,640	1,390	2,210	820
Allahabad	4,690	2,480	2,210	3,660	1,030
Almora	770	370	400	700	70
Azamgarh	4,230	2,070	2,160	3,600	630
Bahraich	2,720	1,460	1,260	2,500	220
Ballia	2,290	1,150	1,140	2,000	290
Banda	1,890	1,020	870	1,620	270
Bara Banki	2,340	1,250	1,090	1,970	370
Bareilly	2,780	1,510	1,270	1,820	960
Basti	4,150	2,130	2,020	3,800	350
Bijnor	2,100	1,200	900	1,600	500
Budaun	2,290	1,270	1,020	1,700	590
Bulandshahr	2,620	1,390	1,230	2,000	620
Chamoli	440	225	215	380	60
Dehra Dun	960	520	440	470	490
Deoria	4,000	2,100	1,900	3,400	600
Etah	1,890	1,170	720	1,510	380
Etawah	2,030	1,100	930	1,550	480
Faizabad	2,840	1,560	1,380	2,400	440
Farrukhabad	2,340	1,260	1,080	1,840	500
Fatehpur	1,870	990	880	1,610	260
Garhwal	720	350	370	610	110
Ghaziabad	2,390	1,310	1,080	1,510	880
Ghazipur	2,370	1,190	1,180	2,010	360
Gonda	3,360	1,760	1,600	3,050	310
Gorakhpur	4,560	2,340	2,220	3,870	690
Hamirpur	1,390	760	630	1,020	370
Hardoi	2,690	1,470	1,220	2,300	390
Jalaun	1,160	640	520	820	340
Jaunpur	3,070	1,530	1,540	2,850	220
Jhansi	1,420	760	660	850	570
Kanpur	4,490	2,430	2,060	2,280	2,210
Kheri	2,440	1,310	1,130	2,100	340
Lalitpur	730	390	340	610	120
Lucknow	2,410	1,300	1,110	1,110	1,300
Mainpuri	1,900	1,000	900	1,500	400
Mathura	1,820	1,010	810	1,340	480
Meerut	3,330	1,810	1,520	2,220	1,110
Mirzapur	2,570	1,350	1,220	2,210	360
Moradabad	4,030	2,105	1,825	2,750	1,280
Muzaffarnagar	2,330	1,300	1,030	1,800	530
Naini Tal	1,540	820	720	1,040	500
Pilibhit	1,280	670	610	1,050	230
Pithoragarh	710	360	350	560	150
Pratapgarh	2,120	1,090	1,030	1,820	300
Rae Bareli	2,270	1,170	1,000	1,900	370
Rampur	1,470	790	680	990	480
Saharanpur	3,320	1,800	1,520	1,980	1,340
Shahjahanpur	2,020	1,105	915	1,560	460
Sitapur	2,500	1,400	1,100	2,200	300
Sultanpur	2,440	1,240	1,200	2,210	230
Tehri Garhwal	590	300	290	540	50
Unnao	2,160	1,140	1,020	1,700	460
Uttar Kashi	240	130	110	210	30
Varanasi	4,590	2,410	2,180	3,270	1,320
West Bengal	**65,230**	**33,940**	**31,290**	**46,280**	**18,950**
Barddhaman	5,740	3,010	2,730	3,610	2,130
Bankura	2,690	1,370	1,320	2,440	250
Birbhum	2,390	1,230	1,160	2,110	280
Calcutta	3,800	2,200	1,600	—	3,800
Darjiling	1,280	680	600	840	440
Haora	3,510	1,840	1,670	1,840	1,670
Hugli	4,240	2,200	2,040	2,940	1,300
Jalpaiguri	2,690	1,390	1,300	2,200	490
Koch Bihar	2,130	1,090	1,040	1,980	150
Maldah	2,460	1,260	1,200	2,300	160
Medinipur	7,960	4,060	3,900	7,150	810
Murshidabad	4,460	2,280	2,180	4,010	450
Nadia	3,750	1,930	1,820	2,850	900
Puruliya	2,090	1,070	1,020	1,810	280
24-Parganas	13,070	6,810	6,260	7,610	5,460
West Dinajpur	2,970	1,520	1,450	2,590	380
A. & N. Is.	**290**	**154**	**136**	**200**	**90**
Andamans	240	130	110	150	90
Nicobars	50	24	26	50	—
Chandigarh	**725**	**410**	**315**	**30**	**695**
Dadra & N. H.	**140**	**72**	**68**	**120**	**20**
Daman & Diu	**100**	**49**	**51**	**65**	**35**
Daman	60	30	30	35	25
Diu	40	19	21	30	10
Delhi	**8,860**	**4,890**	**3,970**	**480**	**8,380**
Lakshadweep	**50**	**26**	**24**	**20**	**30**
Pondicherry	**740**	**376**	**664**	**325**	**415**
Karaikal	140	71	69	80	60
Mahe	35	17	18	25	10
Pondicherry	550	280	270	220	330
Yanam	15	8	7	—	15

CROP PRODUCTION
(1982-83)

STATE/DISTRICT	AREA IN '000 ha	PRODUCTION IN '000 tns.
BAJRA		
Andhra Pradesh		
Anantapur	50	15
Chittoor	20	11
Cuddapah	23	18
East Godavari	14	10
Guntur	17	4
Khammam	5	5
Kurnool	34	17
Mahbubnagar	45	16
Nalgonda	113	43
Nellore	12	6
Prakasam	50	29
Rangareddi	7	3
Srikakulam	7	10
Vishakhapatnam	58	50
Vizianagaram	12	9
Warangal	20	15
Gujarat		
Ahmadabad	63	55
Amreli	87	87
Banas Kantha	259	95
Bhavnagar	168	226
Gandhinagar	19	18
Jamnagar	76	66
Junagadh	47	60
Kachchh	102	46
Kheda	150	194
Mahesana	150	168
Panch Mahals	26	18
Rajkot	85	62
Sabar Kantha	48	30
Surendranagar	91	31
Haryana		
Ambala	4	3
Bhiwani	231	145
Faridabad	37	31
Gurgaon	61	44
Hisar	108	99
Jind	73	62
Mahendragarh	140	31
Rohtak	76	47
Sirsa	14	7
Sonipat	19	18
Jammu & Kashmir		
Jammu	18	6
Karnataka		
Belgaum	76	17
Bellary	36	24
Bidar	22	13
Bijapur	193	56
Chitradurga	15	10
Gulbarga	92	46
Raichur	73	28
Madhya Pradesh		
Bhind	37	26
Morena	63	52
Maharashtra		
Amravati	6	2
Aurangabad	152	72
Beed	126	43
Buldana	10	4
Dhule	128	60
Jalgaon	108	52
Nashik	312	87
Pune	82	31
Sangli	77	10
Satara	84	12
Solapur	34	5
Punjab		
Bathinda	10	10
Faridkot	10	14
Sangrur	15	17
Rajasthan		
Ajmer	56	16
Alwar	178	109
Barmer	944	18
Bharatpur	172	130
Bikaner	213	20
Churu	476	167
Ganganagar	78	25
Jaipur	268	170
Jaisalmer	144	N.A.
Jalor	321	30
Jhunjhunun	254	138
Jodhpur	543	37
Nagaur	578	279
Pali	119	36
Sawai Madhopur	109	78
Sikar	248	95
Sirohi	21	6
Tonk	36	10
Tamil Nadu		
Chengalpattu	5	7
Dharmapuri	7	8
Madurai	24	33
North Arcot	14	11
Periyar	19	15
Ramanathapuram	23	13
Salem	22	12
South Arcot	55	54
Tiruchchirapalli	58	42
Tirunelveli	49	40
Uttar Pradesh		
Agra	131	107
Aligarh	102	115
Allahabad	54	32
Bareilly	11	5
Budaun	81	78
Bulandshahr	30	25
Etah	86	80
Etawah	69	43
Farrukhabad	17	9
Jalaun	16	5
Kanpur	21	13
Lucknow	8	5
Manipur	50	39
Mathura	75	45
Moradabad	42	26
Pratapgarh	19	21
Shahjahanpur	14	4
INDIA	10,260	4,852
COCONUT		
Andhra Pradesh		
Chittoor	1	5
East Godavari	26	105
Srikakulam	7	30
Karnataka		
Chikmagalur	20	48
Chitradurga	23	130
Dakshin Kannad	16	71
Hassan	35	194
Mandya	10	52
Tumkur	45	309
Uttar Kannad	5	25
Kerala		
Alleppey	61	234
Cannanore	73	219
Ernakulam	62	286
Idukki	17	30
Kottayam	49	134
Malappuram	60	194
Palghat	23	58
Quilon	81	267
Trichur	57	347
Trivandrum	74	266
Wynad	4	8
Orissa		
Baleshwar	3	11
Cuttack	5	25
Tamil Nadu		
Chengalpattu	4	30
Coimbatore	24	282
Dharmapuri	7	77
Kanniyakumari	21	135
Ramanathapuram	9	54
Thanjavur	23	241
Tirunelveli	10	64
INDIA	855	3,931
COFFEE		
Karnataka		
Chikmagalur	N.A.	35
Hassan	N.A.	14
Kodagu	N.A.	45
Kerala		
Wynad	N.A.	22
Tamil Nadu		
Nilgiri	N.A.	5
INDIA	N.A.	107
COTTON		
Andhra Pradesh		
Adilabad	133	52
Anantapur	14	23
Cuddapah	4	5
Guntur	121	316
Kurnool	88	33
Mahbubnagar	5	2
Prakasam	59	135
Assam		
Karbi Anglong	1	1
Gujarat		
Ahmadabad	194	97
Amreli	23	25
Banas Kantha	32	26
Bharuch	87	75
Bhavnagar	61	73
Jamnagar	21	19
Junagadh	32	39
Kachchh	65	36
Kheda	48	43
Mahesana	81	131
Panch Mahals	36	28
Rajkot	152	215
Sabar Kantha	121	155
Surat	31	43
Surendranagar	324	256
Vadodara	188	283
Haryana		
Ambala	5	8
Bhiwani	23	40
Hisar	188	440
Jind	30	54
Rohtak	8	13
Sirsa	124	255
Sonipat	4	6
Karnataka		
Belgaum	52	34
Bellary	76	75
Bidar	7	6
Bijapur	190	43
Chitradurga	23	20
Dharwad	230	191
Gulbarga	147	65
Hassan	4	12
Mysore	7	13
Raichur	34	182
Shimoga	8	10
Madhya Pradesh		
Chhindwara	11	17
Dewas	39	35
Dhar	58	34
East Nimar	145	64
Hoshangabad	40	24
Jhabua	21	9
Ratlam	32	24
Shajapur	32	10
Ujjain	17	9
West Nimar	170	81
Maharashtra		
Ahmadnagar	4	6
Akola	349	137

Crop Production (Contd.)

STATE/DISTRICT	AREA IN '000 ha	PRODUCTION IN '000 tns.
COTTON (Contd.)		
Maharashtra (Contd.)		
Amravati	361	176
Aurangabad	56	36
Beed	29	22
Buldana	263	101
Chandrapur	49	27
Dhule	59	46
Jalgaon	188	140
Kolhapur	1	1
Nagpur	87	60
Nanded	216	178
Parbhani	232	156
Sangli	2	2
Satara	8	10
Solapur	11	17
Wardha	176	155
Yavatmal	410	249
Punjab		
Amritsar	15	18
Bathinda	263	470
Faridkot	188	382
Firozpur	90	157
Ludhiana	18	14
Patiala	19	15
Sangrur	116	149
Rajasthan		
Ajmer	18	21
Banswara	17	14
Bhilwara	23	20
Bikaner	1	1
Chittaurgarh	5	4
Ganganagar	292	447
Jhalawar	10	6
Pali	15	28
Sirohi	4	5
Tamil Nadu		
Coimbatore	18	42
Dharmapuri	4	6
Madurai	45	94
Periyar	7	11
Ramanathapuram	44	41
Salem	9	17
South Arcot	8	15
Tirunelveli	58	55
Uttar Pradesh		
Agra	1	N.A.
Aligarh	10	8
Bijnor	1	N.A.
INDIA	7,446	7,444

GROUNDNUT

Andhra Pradesh		
Anantapur	397	231
Chittoor	208	141
East Godavari	11	13
Guntur	27	33
Karimnagar	26	27
Khammam	26	26
Krishna	28	30
Kurnool	189	136
Medak	4	3
Nalgonda	50	47
Nellore	12	23
Nizamabad	9	12
Prakasam	25	25
Rangareddi	7	6
Srikakulam	6	37
Vizianagaram	59	46
Warangal	63	67
West Godavari	7	10
Gujarat		
Ahmadabad	3	2
Amreli	275	158
Bharuch	8	4
Bhavnagar	193	136
Jamnagar	383	186
Junagadh	385	266
Kachchh	78	46
Kheda	11	6
Panch Mahals	28	9

STATE/DISTRICT	AREA IN '000 ha.	PRODUCTION IN '000 tns.
GROUNDNUT (Contd.)		
Rajkot	393	111
Surat	27	17
Surendranagar	15	10
The Dangs	1	1
Vadodara	15	8
Karnataka		
Bangalore	12	9
Belgaum	110	66
Bellary	39	42
Bidar	10	6
Bijapur	112	48
Chikmagalur	6	5
Chitradurga	58	50
Dharwad	125	73
Gulbarga	87	47
Kolar	47	30
Mysore	31	46
Raichur	117	75
Shimoga	11	11
Tumkur	79	43
Kerala		
Palghat	9	8
Madhya Pradesh		
Chhindwara	17	20
Dhar	36	8
East Nimar	16	9
Jhabua	22	6
Mandsaur	33	15
Raigarh	11	6
Shajapur	23	9
Shivpuri	12	8
West Nimar	43	26
Maharashtra		
Ahmadnagar	13	10
Akola	14	11
Amravati	24	21
Aurangabad	13	7
Bhandara	1	1
Buldana	22	7
Dhule	92	34
Jalgaon	65	33
Kolhapur	53	63
Nagpur	14	13
Nanded	6	4
Nashik	55	18
Pune	31	23
Sangli	32	26
Satara	61	71
Solapur	17	12
Wardha	9	12
Yavatmal	18	7
Orissa		
Balangir	12	15
Baleshwar	9	15
Cuttack	82	153
Dhenkanal	32	27
Ganjam	33	36
Kendujhar	4	2
Puri	21	26
Sambalpur	36	28
Punjab		
Ludhiana	22	17
Patiala	13	12
Sangrur	20	18
Rajasthan		
Ajmer	6	1
Banswara	2	1
Bhilwara	16	5
Chittaurgarh	45	31
Jaipur	23	16
Sawai Madhopur	27	19
Tonk	14	8
Tamil Nadu		
Chengalpattu	95	96
Coimbatore	61	80
Dharmapuri	54	32
Kanniyakumari	1	1
Madurai	77	80
North Arcot	212	155
Periyar	51	59

STATE/DISTRICT	AREA IN '000 ha.	PRODUCTION IN '000 tns.
GROUNDNUT (Contd.)		
Pudukkottai	45	49
Ramanathapuram	35	24
Salem	114	123
South Arcot	165	147
Thanjavur	45	56
Tiruchchirapalli	56	42
Tirunelveli	19	22
Uttar Pradesh		
Bahraich	10	6
Bara Banki	4	3
Bareilly	25	14
Basti	2	1
Budaun	62	50
Hardoi	48	22
Saharanpur	14	4
INDIA	6,187	4,395

JOWAR

Andhra Pradesh		
Adilabad	216	113
Anantapur	38	28
Chittoor	19	17
Cuddapah	103	111
East Godavari	5	3
Guntur	18	7
Karimnagar	65	49
Khammam	144	122
Krishna	32	32
Kurnool	248	222
Mahbubnagar	337	156
Medak	136	105
Nalgonda	125	47
Nellore	35	10
Nizamabad	52	38
Prakasam	112	66
Rangareddi	103	60
Warangal	137	84
West Godavari	5	3
Bihar		
Bhojpur	2	2
Gujarat		
Ahmadabad	59	7
Amreli	55	20
Banas Kantha	107	30
Bharuch	100	92
Bhavnagar	80	14
Jamnagar	70	12
Junagadh	25	27
Kachchh	77	8
Kheda	3	2
Mahesana	106	52
Rajkot	32	16
Sabar Kantha	11	6
Surat	88	102
Surendranagar	86	10
The Dangs	Neg.	Neg.
Vadodara	59	67
Valsad	13	7
Haryana		
Bhiwani	5	1
Faridabad	13	2
Gurgaon	14	3
Jind	7	2
Rohtak	45	12
Sonipat	19	5
Karnataka		
Belgaum	203	138
Bellary	99	110
Bidar	111	136
Bijapur	477	236
Chikmagalur	23	19
Chitradurga	80	123
Dharwad	246	287
Gulbarga	365	175
Hassan	11	19
Mysore	88	63
Raichur	333	222
Shimoga	23	44
Tumkur	6	7

Crop Production (Contd.)

STATE/DISTRICT	AREA IN '000 ha	PRODUCTION IN '000 tns.
JOWAR (Contd.)		
Madhya Pradesh		
Betul	87	68
Bhind	21	16
Chhatarpur	28	15
Chhindwara	89	79
Damoh	20	12
Datia	18	10
Dewas	122	148
Dhar	73	33
East Nimar	112	96
Guna	161	52
Gwalior	28	28
Hoshangabad	39	27
Indore	52	31
Jabalpur	18	10
Jhabua	35	15
Mandsaur	150	90
Morena	24	13
Panna	7	4
Ratlam	60	40
Rewa	17	9
Sagar	31	18
Satna	11	5
Sehore	60	52
Seoni	19	10
Shahdol	6	3
Shajapur	152	132
Shivpuri	61	22
Tikamgarh	38	13
Ujjain	180	194
Vidisha	56	23
West Nimar	173	116
Maharashtra		
Ahmadnagar	630	237
Akola	274	203
Amravati	194	261
Aurangabad	323	162
Bhandara	31	16
Bid	424	219
Buldana	245	305
Chandrapur	206	95
Dhule	171	102
Jalgaon	255	291
Kolhapur	45	60
Nagpur	213	184
Nanded	289	394
Nashik	99	56
Osmanabad	529	440
Parbhani	349	272
Pune	522	195
Sangli	197	147
Satara	248	197
Solapur	803	151
Wardha	127	162
Yavatmal	259	358
Orissa		
Kalahandi	7	6
Koraput	15	13
Rajasthan		
Ajmer	128	17
Alwar	12	7
Banswara	7	3
Bharatpur	15	7
Bundi	37	9
Chittaurgarh	40	20
Jaipur	36	6
Jhalawar	108	41
Kota	145	115
Nagaur	47	4
Sawai Madhopur	77	56
Tonk	142	31
Udaipur	18	7
Tamil Nadu		
Coimbatore	114	80
Dharmapuri	43	45
Madurai	97	84
North Arcot	30	32
Periyar	71	24
Ramanathapuram	12	9
Salem	81	67
South Arcot	17	15
Tiruchchirapalli	91	56
Tirunelveli	23	25
Uttar Pradesh		
Allahabad	20	7
Banda	61	33
Farrukhabad	11	5
Fatehpur	30	11
Hamirpur	69	24
Hardoi	19	15
Jalaun	24	14
Kanpur	34	17
Lalitpur	45	2
Moradabad	10	7
Rai Bareli	19	15
Rampur	13	13
Unnao	17	15
INDIA	15,238	10,189

STATE/DISTRICT	AREA IN '000 ha.	PRODUCTION IN '000 tns.
JUTE		
Assam		
Cachar	1	5
Darrang	17	137
Goalpara	37	320
Kamrup	26	217
Karbi Anglong	2	21
Nowgong	29	215
Sibsagar	3	23
Bihar		
Katihar	18	109
Purnia	84	517
Saharsa	9	59
Orissa		
Baleshwar	8	85
Cuttack	32	222
Uttar Pradesh		
Bahraich	1	10
West Bengal		
Barddhaman	12	148
Darjiling	3	19
Haora	3	36
Hugli	25	315
Jalpaiguri	44	328
Koch Bihar	59	388
Maldah	21	131
Medinipur	10	131
Murshidabad	68	671
Nadia	89	823
24 Parganas	44	468
West Dinajpur	59	313
INDIA	704	5,711
MAIZE		
Andhra Pradesh		
Adilabad	22	22
Karimnagar	94	235
Khammam	6	9
Medak	69	118
Nizamabad	64	173
Rangareddi	9	20
Vishakhapatnam	6	17
Warangal	48	93
Assam		
Dibrugarh	5	3
Karbi Anglong	8	6
Lakhimpur	3	3
Bihar		
Aurangabad	1	1
Begusarai	68	71
Bhagalpur	64	58
Bhojpur	5	4
Darbhanga	12	22
Dhanbad	5	4
Gaya	12	9
Giridih	13	10
Gopalganj	25	31
Hazaribag	25	18
Katihar	23	27
Madhubani	5	6

STATE/DISTRICT	AREA IN '000 ha.	PRODUCTION IN '000 tns.
MAIZE (Contd.)		
Munger	35	35
Muzaffarpur	27	22
Nalanda	10	16
Nawada	3	2
Palamu	34	35
Pashchini Chanparn	9	18
Patna	11	12
Purba Champaran	27	50
Purnia	38	52
Ranchi	13	12
Saharsa	30	33
Samastipur	54	94
Saran	37	47
Singhbhum	8	9
Sitamarhi	15	36
Siwan	30	35
Vaishali	27	22
Gujarat		
Banas Kantha	8	7
Kheda	22	23
Panch Mahals	159	189
Sabar Kantha	48	30
The Dangs	Neg.	Neg.
Vadodara	20	16
Haryana		
Ambala	30	29
Karnal	9	9
Kurukshetra	9	10
Himachal Pradesh		
Bilaspur	24	24
Chamba	26	42
Hamirpur	30	34
Kangra	50	75
Kullu	13	28
Mandi	42	57
Simla	22	28
Sirmaur	26	46
Solan	24	28
Una	29	37
Jammu & Kashmir		
Anantang	22*	24*
Badgam	14*	9*
Baramula	28*	34*
Doda	42*	56*
Jammu	10	9
Kathua	15	30
Kupwara	19	19
Pulwama	11	9
Punch	22	59
Rajauri	38	72
Srinagar	4	4
Udhampur	48	83
Karnataka		
Bangalore	27	182
Belgaum	53	117
Chitradurga	9	27
Hassan	8	14
Kolar	15	39
Mysore	9	24
Madhya Pradesh		
Bastar	28	37
Bilaspur	24	24
Chhindwara	31	75
Guna	34	13
Indore	10	7
Jhabua	75	69
Mandla	28	37
Mandsaur	113	109
Ratlam	43	40
Shajapur	20	20
Shivpuri	29	21
Sidhi	21	13
Surguja	42	46
Ujjain	20	18
Vidisha	9	10
West Nimar	39	42
Maharashtra		
Chandrapur	4	4
Raigarh	Neg.	Neg.

* 1981-82.

Crop Production (Contd.)

STATE/DISTRICT	AREA IN '000 ha	PRODUCTION IN '000 tns.
MAIZE (Contd.)		
Orissa		
Balangir	49	46
Dhenkanal	13	12
Kalahandi	20	18
Koraput	48	65
Phulabani	21	29
Punjab		
Amritsar	17	33
Faridkot	6	11
Gurudaspur	17	23
Jalandhar	56	120
Kapurthala	43	105
Patiala	16	17
Rupnagar	33	37
Sangrur	27	55
Rajasthan		
Alwar	9	13
Banswara	88	59
Bhilwara	135	75
Bundi	29	10
Chittaurgarh	118	150
Dungarpur	57	49
Jaipur	18	12
Jhalawar	52	17
Kota	28	6
Pali	37	25
Sirohi	28	24
Tonk	20	18
Udaipur	215	172
Tamil Nadu		
Coimbatore	12	22
Uttar Pradesh		
Almora	3	3
Azamgarh	17	16
Bahraich	111	47
Bara Banki	8	3
Bijnor	3	2
Budaun	36	27
Bulandshahr	107	154
Dehra Dun	14	19
Deoria	14	13
Etah	41	24
Etawah	25	11
Farrukhabad	69	43
Ghaziabad	37	66
Gonda	79	42
Hardoi	40	11
Jaunpur	56	71
Kheri	23	12
Lalitpur	16	8
Mainpuri	39	22
Meerut	29	42
Muzaffarnagar	15	14
Naini Tal	15	18
Saharanpur	27	27
Sitapur	21	4
Unnao	32	9
West Bengal		
Bankura	2	2
Darjiling	27	40
INDIA	4,663	5,549

MESTA

Andhra Pradesh		
Srikakulam	20	189
Vizianagaram	58	302
Assam		
Goalpara	5	23
Kamrup	3	12
Nowgong	2	8
Bihar		
Katihar	3	17
Purnia	13	52
Madhya Pradesh		
Raigarh	3	3
Maharashtra		
Nanded	7	13
Osmanabad	31	54
Parbhani	9	18
West Bengal		
Bankura	2	8
Koch Bihar	5	24
INDIA	161	723

RICE

Andhra Pradesh		
Adilabad	71*	107*
Anantapur	59	116
Chittoor	90	156
Cuddapah	45	97
East Godavari	368	902
Guntur	304	711
Hyderabad	Neg.	Neg.
Karimnagar	148	346
Krishna	399	853
Kurnool	98	182
Mahbubnagar	119	173
Medak	107	204
Nalgonda	201	459
Nellore	190	303
Nizamabad	156	335
Prakasam	105	243
Rangareddi	44	71
Srikakulam	204	357
Vishakhapatnam	71	62
Vizianagaram	112	106
Warangal	130	234
West Godavari	445	1,339
Assam		
Cachar	211	265
Darrang	266	279
Dibrugarh	140	171
Goalpara	381	343
Kamrup	470	471
Karbi Anglong	101	148
Lakhimpur	150	193
North Cachar Hills	13	18
Nowgong	278	267
Sibsagar	293	426
Bihar		
Aurangabad	116	131
Begusarai	15	9
Bhagalpur	149	110
Bhojpur	174	211
Darbhanga	80	43
Dhanbad	45	23
Gaya	188	119
Giridih	75	43
Gopalganj	90	83
Hazaribag	122	53
Katihar	122	72
Madhubani	142	66
Munger	118	65
Muzaffarpur	134	65
Nalanda	49	56
Nawada	46	32
Palamu	75	29
Paschim Champaran	202	172
Patna	89	110
Purba Champaran	203	151
Purnia	324	196
Ranchi	418	226
Rohtas	268	291
Saharsa	106	70
Samastipur	71	39
Saran	85	68
Singhbhum	327	158
Sitamarhi	113	33
Siwan	92	77
Vaishali	60	31
Gujarat		
Ahmadabad	34	45
Bharuch	16	5
Bhavnagar	1	3
Kheda	96	150
Mahesana	7	6
Panch Mahals	94	11
Sabar Kantha	16	8
Surat	52	73
The Dangs	5	3
Vadodara	51	16
Valsad	92	156
Haryana		
Ambala	61	119
Faridabad	3	5
Hisar	22	73
Jind	33	66
Karnal	157	437
Kurukshetra	173	481
Rohtak	3	4
Sirsa	20	58
Sonipat	17	32
Himachal Pradesh		
Bilaspur	4	2
Chamba	3	3
Hamirpur	5	2
Kangra	31	31
Kullu	3	4
Mandi	24	19
Shimla	5	3
Sirmaur	4	3
Solan	4	2
Una	2	1
Jammu & Kashmir		
Anantnag	41	120
Badgam	28	76
Baramula	35	81
Doda	4	6
Jammu	53	35
Kathua	28	29
Kupwara	18	35
Pulwama	30	87
Punch	3	9
Rajauri	6	11
Srinagar	13	40
Udhampur	12	8
Karnataka		
Bangalore	45*	61*
Belgaum	56	69
Bellary	32	71
Bidar	9	13
Chikmagalur	57	101
Chitradurga	32	69
Dakshin Kannad	148	253
Dharwad	82	108
Hassan	52	85
Kodagu	61	128
Kolar	26	46
Mandya	55	168
Mysore	73	192
Raichur	52	104
Shimoga	187	381
Tumkur	22	55
Uttar Kannad	89	163
Kerala		
Alleppey	85	165
Cannanore	60	80
Ernakulam	99	146
Idukki	8	16
Kottayam	34	69
Malappuram	77	97
Quilon	50	82
Trichur	115	155
Trivandrum	30	45
Wynad	29	54
Madhya Pradesh		
Balaghat	225	229
Bastar	528	372
Betul	37	37
Bhind	8	10
Bhopal	2	1
Bilaspur	4	2
Chhatarpur	16	12
Chhindwara	26	22
Damoh	50	31
Dhar	12	5

* 1981-82

Crop Production (Contd.)

STATE/DISTRICT	AREA IN '000 ha	PRODUCTION IN '000 tns.
RICE (Contd.)		
Madhya Pradesh (Contd.)		
Durg	356	314
East Nimar	33	29
Gwalior	22	28
Jabalpur	115	55
Jhabua	30	7
Mandla	136	91
Narsimhapur	16	18
Panna	51	20
Raigarh	371	270
Rajnandgaon	272	199
Rewa	116	60
Sagar	15	9
Satna	68	25
Seoni	92	80
Shahdol	202	126
Sidhi	78	25
Surguja	313	230
Tikamgarh	27	14
West Nimar	18	7
Maharashtra		
Ahmadnagar	7	10
Akola	8	5
Amravati	13	7
Aurangabad	5	3
Bhandara	291	254
Buldana	3	2
Chandrapur	261	318
Dhule	24	15
Greater Bombay	1	2
Jalgaon	9	13
Kolhapur	97	183
Nagpur	37	41
Nanded	35	25
Nashik	39	41
Osmanabad	39	25
Parbhani	23	15
Pune	51	72
Raigarh	152	283
Ratnagiri	81	137
Sangli	16	28
Satara	36	54
Thane	151	269
Wardha	9	11
Yavatmal	12	8
Orissa		
Balangir	291	226
Baleshwar	194	261
Cuttack	475	293
Dhenkanal	219	134
Ganjam	303	310
Kalahandi	290	205
Kendujhar	209	112
Koraput	363	347
Mayurbhanj	328	214
Phulabani	90	75
Puri	392	261
Sambalpur	496	438
Sundargarh	206	117
Punjab		
Amritsar	193	420
Bathinda	13	47
Faridkot	100	335
Firozpur	175	539
Gurdaspur	135	329
Hoshiarpur	43	101
Jalandhar	93	326
Kapurthala	69	201
Ludhiana	133	524
Patiala	216	751
Rupnagar	20	68
Sangrur	129	506
Rajasthan		
Bharatpur	2	3
Bundi	8	14
Chittaurgarh	2	1
Dungarpur	28	9
Ganganagar	16	42
Kota	5	7
Udaipur	11	4

STATE/DISTRICT	AREA IN '000 ha.	PRODUCTION IN '000 tns.
RICE (Contd.)		
Tamil Nadu		
Chengalpattu	188	268
Coimbatore	31	92
Dharmapuri	22	37
Kanniyakumari	46	99
Madurai	101	197
Nilgiri	3	4
North Arcot	79	146
Periyar	60	171
Pudukkottai	69	81
Ramanathapuram	240	270
Salem	43	90
South Arcot	132	226
Thanjavur	566	1,189
Tiruchchirapalli	86	170
Tirunelveli	109	260
Uttar Pradesh		
Agra	1	1
Aligarh	17	22
Allahabad	165	187
Almora	36	39
Azamgarh	223	157
Bahraich	218	123
Ballia	103	88
Banda	82	200
Bara Banki	151	204
Bareilly	122	148
Basti	365	274
Bijnor	66	103
Budaun	36	37
Bulandshahr	6	5
Chamoli	24	29
Dehra Dun	16	15
Deoria	243	347
Etah	19	17
Etawah	65	90
Faizabad	163	207
Farrukhabad	29	30
Fatehpur	88	103
Garhwal	28	27
Ghaziabad	7	8
Ghazipur	111	107
Gonda	242	180
Gorakhpur	300	307
Hardoi	62	48
Jaunpur	95	107
Kanpur	70	98
Kheri	166	212
Lalitpur	11	4
Lucknow	44	48
Mainpuri	54	49
Meerut	11	17
Mirzapur	152	119
Moradabad	90	142
Muzaffarnagar	34	60
Naini Tal	98	214
Pilibhit	114	206
Pithoragarh	36	39
Pratapgarh	90	115
Rai Bareli	113	147
Rampur	73	138
Saharanpur	84	138
Shahjahanpur	114	158
Sitapur	123	96
Tehri Garhwal	17	19
Unnao	83	89
Uttarkashi	11	15
Varanasi	146	200
West Bengal		
Bankura	319	290
Barddhaman	437	717
Birbhum	308	323
Darjiling	41	37
Haora	88	113
Hugli	214	315
Jalpaiguri	252	182
Koch Bihar	285	242
Maldah	216	261
Medinipur	901	752
Murshidabad	287	266

STATE/DISTRICT	AREA IN '000 ha.	PRODUCTION IN '000 tns.
RICE (Contd.)		
Puruliya	209	135
24-Parganas	658	632
West Dinajpur	440	406
INDIA	34,144	42,835
SUGARCANE		
Andhra Pradesh		
Adilabad	1	77
Anantapur	3	219
Chittoor	21	1,398
Cuddapah	3	182
East Godavari	16	1,190
Krishna	17	1,565
Medak	14	1,009
Nizamabad	24	1,988
Srikakulam	6	400
Vishakhapatnam	25	1,337
Vizianagaram	7	307
West Godavari	22	1,960
Assam		
Cachar	6	244
Darrang	4	207
Dibrugarh	5	183
Kamrup	4	123
Karbi Anglong	5	244
Lakhimpur	3	110
Nowgong	10	421
Sibsagar	12	497
Bihar		
Bhagalpur	4	45
Gaya	6	171
Gopalganj	12	644
Hazaribag	2	23
Madhubani	3	107
Muzaffarpur	4	228
Paschim Champaran	42	1,356
Patna	2	56
Purba Champaran	14	496
Purnia	2	44
Rohtas	3	93
Samastipur	4	197
Saran	3	124
Sitamarhi	5	150
Siwan	9	292
Gujarat		
Amreli	8*	346*
Banas Kantha	1*	5*
Bhavnagar	2*	98*
Junagadh	8*	435*
Rajkot	14*	863*
Surat	35*	2,256*
Valsad	8*	480*
Haryana		
Ambala	37	1,660
Faridabad	7	200
Hisar	7	170
Jind	14	440
Karnal	19	850
Kurukshetra	16	680
Rohtak	25	800
Sonipat	18	600
Jammu & Kashmir		
Udhampur	Neg.	Neg.
Karnataka		
Belgaum	57	4,093
Bijapur	15	1,404
Chikmagalur	2	138
Chitradurga	6	654
Mandya	28	2,667
Mysore	9	915
Shimoga	8	668
Kerala		
Alleppey	2	129
Idukki	2	145
Palghat	3	166
Madhya Pradesh		
Dewas	8	148
Gwalior	3	106

* 1981-82

Crop Production (Contd.)

STATE/DISTRICT	AREA IN '000 ha	PRODUCTION IN '000 tns.
SUGARCANE (Contd.)		
Madhya Pradesh (Contd.)		
Morena	5	142
Sehore	4	116
Maharashtra		
Ahmadnagar	56	6,085
Aurangabad	18	1,592
Bid	9	841
Buldana	1	86
Dhule	10	926
Jalgaon	9	868
Kolhapur	57	4,940
Nagpur	Neg.	13
Nanded	9	796
Nashik	20	2,080
Osmanabad	20	1,780
Parbhani	5	483
Pune	26	2,800
Ratnagiri	Neg.	40*
Sangli	28	2,668
Satara	23	1,821
Solapur	24	2,780
Thane	Neg.	10*
Orissa		
Balangir	5	315
Cuttack	5	241
Ganjam	10	640
Koraput	7	345
Puri	6	505
Sambalpur	5	300
Punjab		
Amritsar	9	580
Bathinda	2	100
Gurdaspur	23	1,190
Hoshiarpur	73	107
Jalandhar	16	1,150
Patiala	10	610
Rupnagar	10	630
Sangrur	10	620
Rajasthan		
Bharatpur	1	49
Bhilwara	1	63
Bundi	10	369
Chittaurgarh	4	116
Ganganagar	5	243
Udaipur	7	265
Tamil Nadu		
Chengalpattu	5	442
Coimbatore	16	1,634
Dharmapuri	11	783
Madurai	9	865
North Arcot	29	1,719
Periyar	20	2,086
South Arcot	30	2,951
Thanjavur	11	915
Tiruchchirapalli	17	1,808
Uttar Pradesh		
Agra	3	98
Aligarh	19	736
Allahabad	6	254
Azamgarh	45	1,480
Baharach	8	342
Ballia	16	525
Bara Banki	19	679
Bareilly	55	2,298
Basti	35	1,420
Bijnor	150	7,583
Budaun	24	983
Bulandshahr	65	3,075
Dehra Dun	5	251
Deoria	79	3,533
Etah	10	399
Faizabad	23	960
Ghaziabad	50	2,842
Ghazipur	18	578
Gonda	38	1,546
Gorakhpur	29	1,398
Jaunpur	20	834
Kheri	111	4,318
Mathura	20	632
Meerut	165	8,329

STATE/DISTRICT	AREA IN '000 ha.	PRODUCTION IN '000 tns.
SUGARCANE (Contd.)		
Moradabad	143	7,213
Muzaffarnagar	181	9,813
Naini Tal	41	1,728
Pilibhit	40	1,725
Rampur	31	1,344
Saharanpur	143	7,140
Shahjahanpur	38	1,768
Sitapur	53	2,064
Varanasi	15	485
West Bengal		
Barddhaman	1	65
Birbhum	3	173
Murshidabad	8	466
Nadia	9	465
INDIA	3,126	156,415

* 1981-82

TEA

Assam		
Cachar	32	31
Darrang	34	62
Dibrugarh	59	110
Goalpara	3	4
Kamrup	3	5
Lakhimpur	4	7
Nowgong	7	9
Sibsagar	58	79
Tamil Nadu		
Coimbatore	10	24
Nilgiri	7	45
West Bengal		
Darjiling	18	12
INDIA	237	391

TOBACCO

Andhra Pradesh		
East Godavari	16	26
Khammam	14	11
Krishna	24	28
Kurnool	30	25
Nellore	20	13
Prakasam	83	67
West Godavari	26	53
Gujarat		
Ahmadabad	1	2
Kheda	79	128
Vadodara	25	56
Karnataka		
Mysore	9	4
Tamil Nadu		
Periyar	3	9
West Bengal		
Koch Bihar	12	12
INDIA	342	434

WHEAT

Andhra Pradesh		
Medak	4	2
Nizamabad	2	1
Rangareddi	3	2
Assam		
Darrang	20	22
Dibrugarh	8	9
Goalpara	23	27
Kamrup	26	33
Karbi Anglong	2	2
Nowgong	20	17
Sibsagar	4	5
Bihar		
Aurangabad	64	81
Begusarei	64	108
Bhagalpur	49	64
Bhojpur	129	174
Darbhanga	34	49
Gaya	94	95
Giridih	4	4
Gopalganj	69	96
Hazaribag	11	11

STATE/DISTRICT	AREA IN '000 ha.	PRODUCTION IN '000 tns.
WHEAT (Contd.)		
Katihar	34	54
Madhubani	34	43
Munger	62	78
Muzaffarpur	53	79
Nalanda	70	126
Nawada	45	57
Palamu	18	13
Paschim Champaran	61	103
Patna	56	92
Purba Champaran	77	102
Purnia	84	100
Ranchi	10	12
Rohtas	174	238
Saharsa	60	86
Samastipur	50	62
Saran	82	151
Singhbhum	2	1
Sitamarhi	33	43
Siwan	80	121
Vaishali	43	55
Gujarat		
Ahmadabad	60	84
Amreli	33	114
Banas Kantha	41	103
Bharuch	26	19
Bhavnagar	57	118
Gandhinagar	6	14
Jamnagar	32	76
Junagadh	46	141
Kachchh	21	41
Kheda	68	101
Mahesana	86	197
Panch Mahals	32	56
Rajkot	42	103
Sabar Kantha	38	71
Surat	12	26
Surendranagar	25	35
Vadodara	18	48
Valsad	3	6
Haryana		
Ambala	118	255
Bhiwandi	63	139
Faridabad	113	304
Gurgaon	109	239
Hisar	203	549
Jind	152	335
Karnal	225	601
Kurukshetra	248	682
Mahendragarh	82	204
Rohtak	153	374
Sirsa	126	348
Sonipat	128	315
Himachal Pradesh		
Bilaspur	26	34
Chamba	18	26
Hamirpur	37	34
Kangra	77	84
Kullu	19	25
Mandi	68	87
Simla	33	34
Sirmaur	30	45
Solan	24	24
Una	34	40
Jammu & Kashmir		
Badgam	2	1
Doda	8	6
Jammu	85	100
Kargil	2	2
Kathua	43	42
Leh	3	2
Punch	22	59
Rajauri	28	28
Udhampur	33	35
Karnataka		
Belgaum	54	28
Bellary	3	4
Bidar	15	16
Bijapur	106	79
Dharwad	95	43
Gulbarga	32	21
Raichur	28	9

Crop Production (Contd.)

STATE/DISTRICT	AREA IN '000 ha	PRODUCTION IN '000 tns.
WHEAT (Contd.)		
Madhya Pradesh		
Balaghat	18	12
Bastar	3	4
Betul	62	45
Bhind	82	119
Bhopal	69	81
Bilaspur	26	34
Chhatarpur	101	133
Chhindwara	72	90
Damoh	98	85
Datia	41	45
Dewas	57	72
Dhar	71	26
Durg	21	13
East Nimar	24	35
Guna	179	152
Gwalior	90	152
Hoshangabad	147	114
Indore	73	116
Jabalpur	140	100
Jhabua	13	19
Mandla	79	46
Mandsaur	54	82
Morena	97	174
Narsimhapur	36	54
Panna	82	79
Raigarh	5	6
Rajnandgaon	20	11
Ratlam	34	45
Rewa	130	106
Sagar	250	253
Satna	166	144
Sehore	113	167
Seoni	78	35
Shahdol	47	26
Shajapur	49	78
Sidhi	33	21
Surguja	12	13
Tikamgarh	73	190
Ujjain	69	84
Vidisha	237	234
West Nimar	28	26
Maharashtra		
Ahmadnagar	64	73
Akola	45	29
Amravati	45	31
Aurangabad	47	34
Bhandara	29	18
Bid	45	27
Buldana	28	18
Chandrapur	41	13
Dhule	41	30
Jalgaon	43	45
Kolhapur	16	16
Nagpur	76	51
Nanded	40	29
Nashik	92	63
Osmanabad	56	41
Parbhani	58	47
Pune	44	47
Sangli	38	24
Satara	26	31
Solapur	46	35
Wardha	37	44
Yavatmal	22	19
Orissa		
Balangir	9	15
Baleshwar	5	10
Cuttack	9	17
Dhenkanal	4	8
Kalahandi	4	6
Koraput	5	10
Mayurbhanj	5	12
Sambalpur	8	14
Sundargarh	6	15
Punjab		
Amritsar	313	930
Bathinda	295	825
Faridkot	367	1,138
Firozpur	372	1,242
Gurdaspur	190	493
Hoshiarpur	170	340
Jalandhar	222	655
Kapurthala	103	269
Ludhiana	267	940
Patiala	314	957
Rupnagar	75	208
Sangrur	359	1,160
Rajasthan		
Ajmer	63	69
Alwar	141	343
Banswara	40	32
Barmer	14	26
Bharatpur	146	341
Bhilwara	94	176
Bikaner	12	22
Bundi	92	183
Chittaurgarh	92	171
Churu	3	6
Dungarpur	35	32
Ganganagar	303	638
Jaipur	203	437
Jaisalmer	2	3
Jalor	45	56
Jhalawar	51	77
Jhunjhunun	30	56
Jodhpur	32	31
Kota	165	289
Nagaur	37	34
Pali	75	87
Sawai Madhopur	132	343
Sikar	40	58
Sirohi	22	28
Tonk	120	126
Udaipur	78	114
Uttar Pradesh		
Agra	152	410
Aligarh	216	576
Allahabad	197	343
Almora	64	79
Azamgarh	219	382
Baharich	196	268
Ballia	108	208
Banda	183	239
Bara Banki	152	286
Bareilly	164	307
Basti	271	372
Bijnor	122	215
Budaun	214	425
Bulandshahr	221	573
Chamoli	28	24
Dehra Dun	27	29
Deoria	233	379
Etah	166	371
Etawah	117	311
Faizabad	161	313
Farrukhabad	136	281
Fatehpur	118	221
Garhwal	46	46
Ghaziabad	109	259
Ghazipur	120	208
Gonda	235	333
Gorakhpur	271	491
Hamirpur	155	208
Hardoi	216	385
Jalaun	100	170
Jaunpur	148	237
Jhansi	105	165
Kanpur	181	406
Kheri	176	243
Lalitpur	90	109
Lucknow	77	134
Mainpuri	164	374
Mathura	179	452
Meerut	170	441
Mirzapur	110	135
Moradabad	260	547
Muzaffarnagar	160	385
Naini Tal	112	236
Pilibhit	124	241
Pithoragarh	51	68
Pratapgarh	117	176
Rae Bareli	164	186
Rampur	99	246
Saharanpur	178	388
Shahjahanpur	198	389
Sitapur	186	268
Tehri Garhwal	38	36
Unnao	152	264
Uttarkashi	15	15
Varanasi	156	234
West Bengal		
Bankura	8	15
Barddhaman	9	22
Birbhum	17	30
Hugli	7	14
Jalpaiguri	9	16
Koch Bihar	13	26
Maldah	19	48
Medinipur	7	14
Murshidabad	82	184
Nadia	42	112
24 Parganas	11	24
West Dinajpur	39	91
INDIA	22,569	42,853

MINERAL PRODUCTION
(1982-83)

STATE/DISTRICT	QUANTITY Tonnes	VALUE Rs. '000
AGATE		
Gujarat		
Bharuch	1,480	354
INDIA	1,480	354
ANDALUSITE		
Uttar Pradesh		
Mirzapur	146	34
INDIA	146	34
APATITE		
Andhra Pradesh		
Vishakhapatnam	4,080	1,726
West Bengal		
Puruliya	12,782	1,847
INDIA	16,862	3,573
ASBESTOS		
Andhra Pradesh		
Cuddapah	2,025	11,843
Bihar		
Singhbhum	1,484	1,115
Karnataka		
Hassan	158	65
Madhya Pradesh		
Sidhi	7	2
Tikamgarh	351	28
Rajasthan		
Ajmer	2,731	162
Bhilwara	87	5
Dungapur	122	5
Pali	1,448	154
Udaipur	16,102	918
INDIA	24,515	14,297
BARYTES		
Andhra Pradesh		
Cuddapah	378,435	35,996
Khammam	3,928	306
Kurnool	459	39
Mahbubnagar	9,000	225
Prakasam	716	34
Bihar		
Singhbhum	16	3
Himachal Pradesh		
Sirmaur	39	6
Madhya Pradesh		
Dewas	164	6
Maharashtra		
Chandrapur	1,502	76
Rajasthan		
Alwar	2,266	664
Chittaurgarh	225	15
Sikar	33	3
Udaipur	2,230	493
INDIA	399,013	37,866
BAUXITE		
Bihar		
Ranchi	609,430	16,860
Goa		
Goa	30,000	334
Gujarat		
Amreli	20	N.A.
Bhavnagar	1,030	24
Jamnagar	280,180	12,910
Junagadh	11,830	156
Kachchh	30,590	916
Kheda	9,820	308
Sabar Kantha	8,050	198
Himachal Pradesh		
Bilaspur	64	73
Udhampur	1,640	178
Karnataka		
Belgaum	21,510	818
Dakshin Kannad	53,920	1,537

STATE/DISTRICT	QUANTITY Tonnes	VALUE Rs. '000
BAUXITE (Contd.)		
Madhya Pradesh		
Jabalpur	46,980	1,411
Mandla	246,460	25,227
Satna	21,580	797
Shahdol	64,980	2,896
Sidhi	600	15
Maharashtra		
Kolhapur	85,830	3,054
Ratnagiri	211,730	8,836
Tamil Nadu		
Nilgiri	25,580	639
Salem	96,530	3,379
INDIA	1,858,354	80,566
CALCAREOUS		
Gujarat		
Jamnagar	685,376	7,488
INDIA	685,376	7,488
CALCITE		
Andhra Pradesh		
Anantapur	680	34
Gujarat		
Bharuch	150	6
Madhya Pradesh		
Jhabua	210	15
West Nimar	6,056	375
Rajasthan		
Jhunjhunun	426	23
Sikar	471	19
Sirohi	16,649	1,844
Udaipur	2,035	119
INDIA	26,677	2,515
CHALK		
Gujarat		
Junagadh	85,982	7,340
INDIA	85,982	7,340
CHROMITE		
Andhra Pradesh		
Krishna	193	39
West Godavari	60	9
Bihar		
Singhbhum	590	149
Karnataka		
Hassan	54,760	9,270
Maharashtra		
Ratnagiri	2,560	870
Manipur		
Tengnoupal	320	22
Orissa		
Cuttack	185,530	98,390
Dhenkanal	30,770	13,709
Kendujhar	61,320	24,283
INDIA	336,103	146,741
CLAY		
Andhra Pradesh		
Anantapur	11,975	213
Kurnool	17,180	255
Jammu & Kashmir		
Pulwama	1,690	26
Karnataka		
Chikmagalur	18,641	141
Tamil Nadu		
South Arcot	2,602	42
Tiruchchirappalli	3,684	37
West Bengal		
Bankura	601	9
INDIA	56,373	723

STATE/DISTRICT	QUANTITY Tonnes	VALUE Rs. '000
COAL		
Andhra Pradesh		
Adilabad	4,018,620	543,518
Karimnagar	4,278,401	578,654
Khammam	2,890,258	390,907
Assam		
Dibrugarh	646,262	97,159
Bihar		
Dhanbad	30,747,168	4,726,762
Ranchi	12,073,217	1,856,016
Himachal Pradesh		
Bilaspur	4,072	5,007
Udhampur	31,624	6,214
Madhya Pradesh		
Betul	1,819,599	223,774
Chhindwara	3,497,121	430,076
Raigarh	5,441	669
Shahdol	6,420,079	789,541
Sidhi	4,467,630	549,429
Surguja	7,155,656	880,003
Maharashtra		
Chandrapur	3,669,557	451,209
Nagpur	2,850,664	350,518
Yavatmal	255,158	31,374
Meghalaya		
East Khasi Hills	110	16
Orissa		
Sambalpur	3,155,572	460,871
Uttar Pradesh		
Mirzapur	2,076,553	249,892
West Bengal		
Bardhamam	203	303
INDIA	90,062,965	12,621,912
COPPER ORE		
Andhra Pradesh		
Khammam	1,970	197
Bihar		
Singhbhum	1,245,320	215,768
Karnataka		
Chitradurga	32,291	5,488
Hassan	19,370	1,975
Rajasthan		
Alwar	12	169
Jhunjhunun	795,170	119,714
Sikkim		
East Sikkim	592	2,437
INDIA	2,094,725	345,748
CORUNDUM		
Andhra Pradesh		
Anantapur	N.A.	13
Khammam	3	41
Karnataka		
Bellary	1	16
Hassan	62	41
Madhya Pradesh		
Bastar	1	1
Sidhi	78	94
Maharashtra		
Bhandara	1,145	688
Rajasthan		
Tonk	2	1
INDIA	1,292	895
CRUDE OIL		
Assam		
Dibrugarh	2,808,384	2,218,455
Sibsagar	1,486,839	1,174,514
Gujarat		
Ahmadabad	634,058	461,911
Braruch	2,287,744	1,662,622
Mahesana	703,265	512,329
Maharashtra		
Greater Bombay	7,006,000	5,916,707
INDIA	14,926,290	11,946,538

Mineral Production (Contd.)

STATE/DISTRICT	QUANTITY Tonnes	VALUE Rs. '000
DIAMOND		
Madhya Pradesh		
Panna	14,542	17,588
INDIA	14,542	17,588
DIASPORE		
Madhya Pradesh		
Chhatarpur	610	108
Shivpuri	250	18
Tikamgarh	2,220	642
Uttar Pradesh		
Jhansi	440	91
Lalitpur	1,640	437
INDIA	5,160	1,296
DOLOMITE		
Andhra Pradesh		
Anantapur	148	3
Bihar		
Palamu	171,554	9,995
Gujarat		
Bhavnagar	6,630	194
Vadodara	242,398	3,337
Haryana		
Mahendragarh	50	1
Himachal Pradesh		
Bilaspur	824	375
Karnataka		
Bijapur	6,896	173
Tumkur	173	13
Madhya Pradesh		
Balaghat	8,705	161
Chhindwara	8,955	179
Durg	28,141	704
Jabalpur	14,004	234
Jhabua	20,824	277
Mandla	2,330	67
Satna	72	1
Seoni	1,358	13
Maharashtra		
Nagpur	25,094	812
Orissa		
Sundargarh	604,273	39,958
Rajasthan		
Jaipur	2,600	31
Jaisalmer	2,940	118
Jhunjhunun	3,520	53
Nagaur	10	N.A.
Sikar	1,715	34
Udaipur	2,859	71
Uttar Pradesh		
Dehra Dun	3,838	51
Mirzapur	24,176	798
West Bengal		
Jalpaiguri	25,998	573
INDIA	1,210,085	58,226
EMERALD		
Rajasthan		
Udaipur	1,000	N.A.
INDIA	1,000	N.A.
FELSPAR		
Andhra Pradesh		
Hyderabad	6,580	175
Mahbubnagar	320	7
Nellore	373	7
West Godavari	32	1
Bihar		
Palamu	199	4
Haryana		
Mahendragarh	204	9
Karnataka		
Bangalore	5,505	329
Madhya Pradesh		
Chhatarpur	20	N.A.
Jabalpur	438	9
Shahdol	844	17

STATE/DISTRICT	QUANTITY Tonnes	VALUE Rs. '000
FELSPAR (Contd.)		
Rajasthan		
Ajmer	34,547	1,338
Alwar	1,182	56
Jaipur	2,822	132
Pali	1,377	57
Tonk	345	11
Udaipur	1,170	53
Tamil Nadu		
Coimbatore	1,838	37
Tiruchchirappalli	2,956	142
INDIA	60,752	2,384
FIRE CLAY		
Andhra Pradesh		
Adilabad	1,700	26
East Godavari	7,048	286
West Godavari	8,045	202
Bihar		
Bhagalpur	4,700	71
Dhanbad	47,334	719
Giridih	18,548	260
Hazaribag	14,691	318
Palamu	136,443	3,384
Ranchi	11,935	299
Santhal Pargana	23,681	535
Singhbhum	10,540	197
Gujarat		
Kachchh	1,648	30
Mahesana	2,024	9
Panch Mahals	600	6
Rajkot	36,778	254
Sabar Kantha	1,860	19
Surat	4,848	47
Surendranagar	165,789	1,525
Valsad	16,781	163
Karnataka		
Bangalore	648	8
Tumkur	3,502	53
Kerala		
Quilon	205	5
Madhya Pradesh		
Jabalpur	70,442	1,181
Narsimhapur	1,275	18
Panna	834	11
Rajgarh	1,099	44
Shahdol	28,536	628
Orissa		
Cuttack	45,742	1,594
Puri	568	15
Sambalpur	47,110	3,259
Sundargarh	22,106	898
Rajasthan		
Alwar	4,409	133
Bharatpur	305	8
Bikaner	34,569	1,376
Chittaurgarh	1,960	29
Tamil Nadu		
Chengalpattu	4,170	6,567
South Arcot	16,068	213
Tiruchchirappalli	18,673	350
West Bengal		
Birbhum	13,098	171
INDIA	830,312	24,911
FLUORITE (Graded)		
Gujarat		
Vadodara	486	709
Rajasthan		
Dungarpur	2,678	2,607
Jalor	1,021	1,402
INDIA	4,185	4,718
GARNET (Abrasive)		
Andhra Pradesh		
Nellore	35	8
Rajasthan		
Ajmar	150	9
Bhilwara	74	81

STATE/DISTRICT	QUANTITY Tonnes	VALUE Rs. '000
GARNET (Abrasive) (Contd.)		
Sikar	1	N.A.
Tonk	16	5
Tamil Nadu		
Kanniyakumari	2,738	548
INDIA	3,014	651
GARNET (Gem)		
Rajasthan		
Bhilwara	1,033	10
Tonk	216	3
INDIA	1,249	13
GOLD		
Andhra Pradesh		
Anantapur	6	657
Chittoor	8	998
Bihar		
Sinhbhum	64	9,489
Karnataka		
Gulbarga	8	667
Kolar	1,396	166,917
Raichur	1,013	87,628
INDIA	2,495	266,356
GRAPHITE		
Andhra Pradesh		
East Godavari	465	93
Khammam	216	34
Vishakhapatnam	108	32
Bihar		
Palamu	17,268	1,754
Gujarat		
Panch Mahals	296	13
Orissa		
Balangir	21,361	2,263
Kalahandi	196	30
Phulabani	1,995	299
Sambalpur	16,390	1,111
Rajasthan		
Banswara	66	6
Tamil Nadu		
Madurai	660	39
INDIA	59,021	5,674
GYPSUM		
Gujarat		
Kachchh	8,340	62
Himachal Pradesh		
Sirmaur	76,000	33
Rajasthan		
Barmer	69,400	1,151
Bikaner	136,170	4,637
Jaisalmer	53,400	85
Nagaur	157,490	2,827
Pali	17,250	493
Tamil Nadu		
Coimbatore	33,540	1,202
Tiruchchirappalli	16,150	671
Uttar Pradesh		
Dehra Dun	400	12
Tehri Garhwal	4,230	167
INDIA	572,370	11,340
IRON ORE		
Andhra Pradesh		
Anantapur	77,838	1,262
Khammam	7,005	350
Nellore	227	9
Bihar		
Palamu	41,064	2,352
Singhbhum	6,809,876	248,186
Goa		
Goa	12,501,022	252,066
Karnataka		
Bellary	3,746,712	84,123
Bijapur	28,525	569
Chikmagalur	52,492	1,347

Mineral Production (Contd.)

IRON ORE (Contd.)

STATE/DISTRICT	QUANTITY Tonnes	VALUE Rs. '000
Karnataka (Contd.)		
Chitradurga	120,310	1,689
Dharwad	20,100	342
Tumkur	18,387	297
Uttar Kannad	12,539	244
Madhya Pradesh		
Bastar	64,500	252,000
Durg	3,762,362	1,610,019
Orissa		
Cuttack	124,457	3,273
Kendujhar	4,209,108	141,032
Mayurbhanj	142,001	1,875
Sundargarh	1,970,923	90,585
Rajasthan		
Jaipur	2,183	48
Jhunjhunun	3,454	48
INDIA	33,715,085	1,242,718

JASPER

Rajasthan		
Jodhpur	3,356	245
INDIA	3,356	245

KAOLIN

Andhra Pradesh		
Adilabad	12,097	207
Cuddapah	1,814	63
East Godavari	135	54
Kurnool	15,759	290
West Godavari	19,775	838
Bihar		
Bhagalpur	75	26
Ranchi	239	49
Santhal Pargana	11,914	1,419
Singhbhum	32,518	6,025
Gujarat		
Banas Kantha	3,965	159
Bhavnagar	1,305	65
Kachchh	3,469	202
Mahesana	6,628	2,041
Sabar Kantha	8,943	2,969
Haryana		
Faridabad	7,736	103
Gurgaon	1,999	67
Jammu & Kashmir		
Udhampur	64	17
Karnataka		
Belgaum	647	26
Bidar	454	18
Dharwad	2,439	76
Hassan	5,229	594
Kolar	1,550	62
Shimoga	1,830	439
Kerala		
Cannanore	11,666	3,793
Kozhikode	14,326	8,929
Quilon	9,846	8,905
Madhya Pradesh		
Betul	9,330	168
Chhatarpur	1,231	15
Datia	38	1
Durg	75	1
Gwalior	72	2
Jabalpur	2,461	55
Satna	2,566	78
Shahdol	2,338	41
Sidhi	36	1
Maharashtra		
Chandrapur	4,568	114
Orissa		
Mayurbhanj	4,923	955
Sambalpur	7,537	268
Rajasthan		
Bhilwara	10,642	423
Bikaner	288	15
Chittaurgarh	110,731	2,077
Jaipur	25,751	579
Sawai Madhopur	93	3
Udaipur	231	3

KAOLIN (Contd.)

STATE/DISTRICT	QUANTITY Tonnes	VALUE Rs. '000
Tamil Nadu		
South Arcot	2,694	997
West Bengal		
Birbhum	99,970	2,413
Delhi		
Delhi	45,916	922
INDIA	507,838	46,466

KYANITE

Andhra Pradesh		
Prakasam	38	17
Bihar		
Singhbhum	18,545	8,385
Karnataka		
Chikmagalur	223	44
Mysore	633	64
Maharashtra		
Bhandara	19,429	5,606
INDIA	38,868	14,116

LEAD CONCENTRATES

Andhra Pradesh		
Guntur	4,546	20,679
Rajasthan		
Udaipur	15,238	36,782
Sikkim		
East Sikkim	233	N.A.
INDIA	20,017	57,461

LIGNITE

Gujarat		
Kachchh	396	39,593
Tamil Nadu		
South Arcot	5,569,572	529,165
INDIA	5,569,968	568,758

LIME KANKAR

Andhra Pradesh		
Krishna	16,326	48
INDIA	16,326	48

LIME SHELL

Andhra Pradesh		
Nellore	4,296	187
Karnataka		
Uttar Kannad	22	1
Kerala		
Alleppey	42,485	4,304
Cannanore	2,628	145
Kottayam	49,423	2,020
Kozhikode	2,117	114
Mallappuram	4,100	554
INDIA	105,071	7,325

LIMESTONE

Andhra Pradesh		
Adilabad	500,065	10,692
Anantapur	25,181	524
Cuddapah	271,738	2,717
Guntur	904,394	10,809
Karimnagar	1,124,340	14,167
Krishna	100,669	2,930
Kurnool	639,229	12,119
Nalgonda	305,240	7,021
Vizianagaram	35,018	413
Assam		
Karbi Anglong	270,272	12,266
Bihar		
Palamu	552,759	31,925
Ranchi	193,296	8,289
Rohtas	1,006,321	37,145
Singhbhum	571,686	19,315
Gujarat		
Banas Kantha	12,112	369
Bharuch	86	3
Jamnagar	557,013	4,658

LIMESTONE (Contd.)

STATE/DISTRICT	QUANTITY Tonnes	VALUE Rs. '000
Junagadh	1,720,455	33,326
Kheda	201,840	7,137
Vadodara	6,820	112
Haryana		
Ambala	515,148	74,131
Himachal Pradesh		
Bilaspur	411,000	10,240
Shimla	1,345	40
Sirmaur	163,597	3,507
Solan	2,670	50
Jammu & Kashmir		
Pulwama	19,000	418
Karnataka		
Belgaum	8,221	163
Bijapur	435,965	8,810
Chitradurga	3,605	54
Dharwad	477	17
Gulbarga	1,238,565	17,402
Shimoga	101,477	3,065
Tumkur	486,200	7,731
Uttar Kannad	20,507	656
Madhya Pradesh		
Bilaspur	27,458	474
Dhar	2,422	40
Durg	1,846,345	71,503
Jabalpur	1,444,584	24,826
Mandsaur	346,448	7,795
Narsimhapur	65	1
Raipur	1,039,862	20,216
Sehore	469	28
Maharashtra		
Chandrapur	31,097	777
Yavatmal	720,130	16,869
Meghalaya		
East Khasi Hills	233,873	5,402
Orissa		
Sambalpur	599,718	17,887
Sundargarh	2,113,758	126,604
Rajasthan		
Ajmer	320	3
Bundi	243,410	7,524
Chittaurgarh	1,262,207	16,050
Jaipur	26,000	390
Kota	359,273	5,641
Sawai Madhopur	649,524	20,421
Sikar	43,520	1,438
Sirohi	1,705	26
Udaipur	369,207	7,654
Tamil Nadu		
Coimbatore	448,673	13,909
Madurai	513,593	8,731
Ramanathapuram	880,552	23,228
Salem	805,929	27,074
Tiruchchirappalli	1,079,439	18,774
Tirunelveli	732,120	20,635
Uttar Pradesh		
Dehra Dun	395,868	9,451
Mirzapur	825,573	20,645
Naini Tal	5,841	44
Tehri Garhwal	55,376	1,499
West Bengal		
Jalpaiguri	987	19
INDIA	29,511,657	837,799

MAGNESITE

Karnataka		
Mysore	9,009	3,358
Rajasthan		
Ajmer	1,385	117
Dungarpur	48	2
Udaipur	22	1
Tamil Nadu		
Salem	354,199	96,118
Uttar Pradesh		
Almora	48,722	8,789
Pithoragarh	49,733	5,799
INDIA	463,118	114,184

Mineral Production (Contd.)

MANGANESE ORE

STATE/DISTRICT	QUANTITY Tonnes	VALUE Rs. '000
Andhra Pradesh		
Adilabad	20,033	4,138
Vizianagaram	54,355	2,643
Bihar		
Singhbhum	1,345	61
Goa		
Goa	86,038	4,639
Gujarat		
Panch Mahals	330	39
Vadodara	1,056	74
Karnataka		
Belgaum	6,700	271
Bellary	195,148	21,857
Chitradurga	26,695	1,819
Shimoga	51,023	5,604
Tumkur	6,791	458
Uttar Kannad	158,033	15,379
Madhya Pradesh		
Balaghat	243,860	72,673
Maharashtra		
Bhandara	112,879	27,963
Nagpur	108,797	23,399
Orissa		
Kendujhar	337,025	44,411
Koraput	11,563	826
Sundargarh	103,888	13,766
INDIA	1,525,559	240,020

MICA (Waste & Crude)

Andhra Pradesh		
Nellore	3,751	6,502
Vishakhapatnam	36	2
Bihar		
Giridih	3,443	5,415
Hazaribag	2,422	8,693
Munger	2	9
Nawada	1,296	5,310
Orissa		
Dhenkanal	10	15
Rajasthan		
Ajmer	82	210
Bhilwara	1,436	3,924
Udaipur	43	36
Tamil Nadu		
Nilgiri	104	295
INDIA	12,625	30,411

MOULDING SAND

Andhra Pradesh		
Nellore	521	10
Goa		
Goa	45,998	296
Gujarat		
Bhavnagar	5,680	142
Jamnagar	1,216	4
Karnataka		
Belgaum	12,550	92
Dharwad	581	3
Gulbarga	12,184	122
Uttar Kannad	2,880	22
Madhya Pradesh		
Durg	22,173	122
INDIA	103,783	813

OCHRE

Andhra Pradesh		
Kurnool	4,554	89
Bihar		
Sinhbhum	388	10
Gujarat		
Banas Kantha	343	16
Bhavnagar	15	1
Kachchh	132	8
Karnataka		
Bellary	12,130	474
Chikmagalur	60	7
Dharwad	723	21

OCHRE (Contd.)

Madhya Pradesh		
Jabalpur	10	N.A.
Mandla	1,410	85
Rajnandgaon	100	6
Rewa	340	14
Satna	18,828	857
Shahdol	75	2
Maharashtra		
Chandrapur	1,416	24
Rajasthan		
Bharatpur	67	1
Bikaner	426	10
Chittaurgarh	25,908	232
Jaisalmer	14	N.A.
Sawai Madhopur	177	3
Sikar	102	1
Udaipur	19,209	250
Uttar Pradesh		
Banda	2,972	178
INDIA	89,399	2,289

PHOSPHORITE

Madhya Pradesh		
Chhatarpur	16,258	3,577
Jhabua	67,258	18,883
Sagar	1,159	255
Rajasthan		
Udaipur	398,127	201,599
Uttar Pradesh		
Dehra Dun	62,032	9,392
Lalitpur	1,871	544
Tehri Garhwal	2,335	107
INDIA	549,040	234,357

PYRITES

Bihar		
Ranchi	1	N.A.
INDIA	57,599	20,832

PYROPHYILLITE

Madhya Pradesh		
Chhatarpur	96	7
Shivpuri	9,711	262
Tikamgarh	4,287	243
Rajasthan		
Udaipur	8,221	440
Uttar Pradesh		
Hamirpur	111	6
Jhansi	7,551	330
Lalitpur	10,087	243
INDIA	40,064	1,531

QUARTIZTE

Bihar		
Munger	10,066	152
Madhya Pradesh		
Durg	20,388	245
Raigarh	9,106	2,430
Orissa		
Balangir	37,303	1,034
Dhenkanal	2,407	122
Kalahandi	6,725	231
Kendujhar	3,149	102
Mayurbhanj	13,082	142
Sambalpur	8900	400
Sundargarh	478	12
INDIA	103,594	4,780

QUARTZ

Andhra Pradesh		
Guntur	629	20
Hyderabad	2,983	84
Khammam	41,307	1,399
Medak	8,560	204
Nellore	3,279	123
Prakasam	1,206	42
Rangareddi	3,359	74
Vishakhapatnam	656	16

QUARTZ (Contd.)

Gujarat		
Panch Mahals	14,169	137
Haryana		
Mahendragarh	136	4
Karnataka		
Bangalore	963	21
Bellary	28,721	735
Hassan	3,055	184
Mandya	1,500	90
Shimoga	21,985	1,429
Tumkur	1,420	81
Madhya Pradesh		
Chhatarpur	20	N.A.
Shahdol	200	4
Rajasthan		
Ajmer	27,192	790
Alwar	1,874	73
Jaipur	684	16
Jhunjhunun	381	8
Pali	5,392	133
Sikar	2,086	42
Tonk	1,082	15
Udaipur	104	4
Tamil Nadu		
Coimbatore	33,540	1,202
Tiruchchirappalli	10,760	704
INDIA	217,243	7,634

SALT

Himachal Pradesh		
Mandi	4,326	1,082
INDIA	4,326	1,082

SAND

Andhra Pradesh		
Khammam	343,579	2,020
Bihar		
Giridih	84,606	328
Himachal Pradesh		
Bilaspur	171,000	950
Kerala		
Alleppey	37,072	253
Maharashtra		
Chandrapur	652,013	652
INDIA	1,288,270	4,203

SILICA SAND

Andhra Pradesh		
Nellore	18,306	381
Bihar		
Santhal Pargana	32,352	1,483
Singhbhum	500	30
Gujarat		
Bharuch	24,243	9600
Kachchh	17,864	297
Sabar Kantha	5,618	97
Surendranagar	45,499	780
Karnataka		
Gulbarga	2,303	76
Kerala		
Alleppey	32,787	492
Madhya Pradesh		
Balaghat	706	14
Dewas	4,244	106
Morena	4,430	46
Maharashtra		
Kolhapur	3,061	94
Ratnagiri	103,340	2,691
Rajasthan		
Alwar	163	5
Barmer	414	21
Bharatpur	24,997	921
Bikaner	61	3
Bundi	18,633	838
Jaipur	65,278	1,822
Sawai Madhopur	6,114	240
Sikar	623	7
Tonk	8,492	317

Mineral Production (Contd.)

STATE/DISTRICT	QUANTITY Tonnes	VALUE Rs. '000
SILICA SAND (Contd.)		
Uttar Pradesh		
Allahabad	169,617	3,719
Banda	28,022	656
INDIA	617,667	16,096
SILLIMONITE		
Kerala		
Quilon	1,460	1,084
Maharashtra		
Bhandara	5,949	2,211
Meghalaya		
East Kasi Hills	4,457	2,370
West Kasi Hills	4,457	2,370
Rajasthan		
Udaipur	236	37
Tamil Nadu		
Kanniyakumari	233	166
INDIA	12,335	5,868
SILVER		
Andhra Pradesh		
Vishakhapatnam	3,783	8,323
Bihar		
Dhanbad	12,914	28,411
Singhbhum	424	1,162
Kolar	98	252
Raichur	79	160
INDIA	17,298	38,218
SLATE		
Andhra Pradesh		
Guntur	819	15
Prakasam	1,991	48
Haryana		
Mahendragarh	275	105
Madhya Pradesh		
Mandsaur	6,509	841
Rajasthan		
Alwar	345	200
INDIA	9,939	1,209
STAUROLITE		
Karnataka		
Hassan	15	9
INDIA	15	9

STATE/DISTRICT	QUANTITY Tonnes	VALUE Rs. '000
STEATITE		
Andhra Pradesh		
Anantapur	2,483	318
Chittoor	2,838	61
Cuddapah	755	39
Khammam	642	13
Kurnool	5,466	124
Warangal	78	5
Bihar		
Giridih	738	15
Singhbhum	1,007	71
Karnataka		
Chikmagalur	2,152	151
Mysore	268	38
Raichur	3,800	72
Tumkur	1,110	56
Madhya Pradesh		
Durg	119	3
Jabalpur	4,659	217
Narsimhapur	635	28
Maharashtra		
Bhandara	196	2
Orissa		
Kendujhar	231	7
Mayurbhanj	698	24
Rajasthan		
Ajmer	3,710	70
Alwar	14,335	637
Banswara	4,701	232
Bharatpur	24	1
Bhilwara	35,882	5,044
Dungarpur	33,320	1,955
Jaipur	26,709	4,480
Jhunjhunun	987	20
Pali	531	11
Sawai Madhopur	17,472	662
Tonk	430	43
Udaipur	130,901	9,603
Tamil Nadu		
Salem	28,420	611
Uttar Pradesh		
Almora	6,471	327
Lalitpur	300	8
Pithoragarh	3,693	202
INDIA	335,761	25,150
SULPHUR		
Tamil Nadu		
Chengalpattu	4,170	6,567
INDIA	4,170	6,587

STATE/DISTRICT	QUANTITY Tonnes	VALUE Rs. '000
TUNGSTEN (Concentrates)		
Rajasthan		
Nagaur	30,371	2,429
West Bengal		
Bankura	8,466	887
INDIA	38,837	3,316
VERMICULITE		
Andhra Pradesh		
Nellore	1,847	311
Gujarat		
Vadodara	75	15
Karnataka		
Hassan	250	21
Rajasthan		
Ajmer	69	15
Tamil Nadu		
North Arcot	1,197	527
INDIA	2,778	889
WOLLASTOMITE		
Rajasthan		
Sirohi	15,895	2,109
Udaipur	20	2
INDIA	15,915	2,111
ZINC CONCENTRATE		
Rajasthan		
Udaipur	52,468	126,854
Sikkim		
East Sikkim	408	566
INDIA	52,876	127,420

INDUSTRIAL LOCATIONS

(1984)

BEVERAGE & TOBACCO PRODUCTS

STATE/DISTRICT	MANUFACTURING TOWNS
Andhra Pradesh	
East Godavari	Bikkavoli
Guntur	Guntur
Hyderabad	Azamabad, Ghatkesar, Hyderabad, Secunderabad
Karimnagar	Sirsilla
Assam	
Cachar	Cachar, Dallabcherra, Serispore, Silchar
Darrang	Arun, Bhipoorkli & Orang, Bishnanth, Borai, Darrang, Deokaijuli, Dherai, Dibru & Dbullib, Dooars & Dalgaon, Kopati, Mangaldai, Tezpur, Tinkharia
Dibrugarh	Bagapani, Choonabhatti, Dehing, Dibrugarh, Dirok, Doom Dooma, Margherita, Moran, Namdang, Partol, Tingri
Lakhimpur	Dejoo/Harmutty, Lakhimpur, Seajuli
Nowgong	Nowgong
Sibsagar	Borputra, Duklingia, Golaghat, Gorunga, Jorhat, Sibsagar
Bihar	
Munger	Munger
Patna	Hathidah
Goa	
Goa	Goa, Marma Goa Harbour
Gujarat	
Bharuch	Ankleshwar
Jamnagar	Jamnagar
Junagadh	Kodinar, Mandali
Vadodara	Harni
Himachal Pradesh	
Solan	Solan
Karnataka	
Bangalore	Bangalore, Khushnagar
Belgaum	Ugar — Khurd
Bellary	Hospet
Chikmagalur	Chikmagalur
Dakshin Kannad	Mangalore
Hassan	Hassan
Kodagu	Kodagu, South Coorg.
Kerala	
Alleppey	Shertally
Ernakulam	Anamalai
Idukki	Cholai, Devikulam, Peermade, Udamapan
Quilon	Pathanamthitta Pathanapura
Trivandrum	Trivandrum
Maharashtra	
Ahmadnagar	Ahmednagar, Harigaon, Rahuri, Shivajinagar
Greater Bombay	Chakala, Parel, Vile Parle
Kolhapur	Sahunagar
Nagpur	Nagpur
Nashik	Nashik
Pune	Junner
Raigarh	Uran
Sangli	Sakharale
Solapur	Solapur
Thane	Thane, Panch Pakhadi
Rajasthan	
Ganganagar	Sriganganagar
Jaipur	Jaipur
Udaipur	Udaipur
Sikkim	
South Sikkim	Melli Bazar
Tamil Nadu	
Chengalpattu	Ambattur
Coimbatore	Appakudal, Coimbatore, Injipara, Karamalai, Monica, Mudis, Stanmore
Dharmapuri	Hosur
Madurai	High Ways
Nilgiri	Cheranbadi, Kotagiri, Nilgiris, Punsandle, Thaishola, Wellington
South Arcot	Anamalai
Tirunelveli	Maryolai, Tirunelveli
Uttar Pradesh	
Agra	Tundla
Basti	Basti
Deoria	Captainganj, Gangeshwar, Ramkota
Ghaziabad	Modinagar
Lucknow	Lucknow
Meerut	Daurala, Mawana
Saharanpur	Saharanpur
West Bengal	
Calcutta	Calcutta, Kidderpore
Darjiling	Bagdogra, Darjeeling, Glenburun & Lingia, Tumsong Estate
Jalpaiguri	Banarhat, Baradighi, Beech, Bharnobari & Satali, Dooars, Jalpaiguri, Karballa, Kartick, Rheabari, Rydak, Twelve Estate
Twenty Four Parganas	Agarpara
Delhi	
Delhi	Delhi

CHEMICAL & PHARMACEUTICALS

Andhra Pradesh	
Adilabad	Adilabad
Anantapur	Anantapur
Chittoor	Tirupati
East Godavari	Kakinada
Guntur	Tadepalli
Hyderabad	Azamabad, Balanagar, Hyderabad, Secunderabad, Uppal, Warangal Road
Karimnagar	Karimnagar, Ramgundam
Khammam	Paloncha
Krishna	Machilipatnam, Vuyyuru
Kurnool	Kurnool
Medak	Medak, Pattancheru, Pattancheruvu, Pathanchuru, Sangareddy
Nalgonda	Bibinagar, Nalgonda
Srikakulam	Srikakulam
Vishakhapatnam	Malkapuram, Venketapuram, Vishakhapatnam
Assam	
Dibrugarh	Namrup, Tinsukia
Goalpara	Bongaigaon, Jogighopa
Kamrup	Gawahati, Noonmati
Lakhimpur	Namrup
Bihar	
Begusarai	Barauni
Dhanbad	Sindri
Giridih	Gomia
Munger	Barauni
Muzaffarpur	Muzaffarpur
Palamu	Barwadih
Patna	Patna
Ranchi	Ranchi
Rohtas	Amjhere, Dalmianagar
Santhal Pargana	Dabrugarh, Jasidih
Singhbhum	Jaduguda, Jamshedpur
Goa	
Goa	Santa Monica, St. Jose de Areal Margao
Gujarat	
Ahmadabad	Ahmadabad, Dascroi, Kankaria, Kathwada, Khokhra, Mehmedabad, Maninagar, Rakhial
Amreli	Amreli
Banas Kantha	
Bharuch	Ankleshwar, Bharuch
Bhavnagar	Bhavnagar
Gandhinagar	Kalol
Jamnagar	Mithapur, Okha, Okhamandal, Sikka, Singhach
Junagadh	Porbandar, Verawal
Kachchh	Kandla
Panch Mahals	Kalol, Nurpura
Rajkot	Rajkot
Surat	Bhestan, Hazira, Olpad, Pandesara, Udhna, Walod
Surendranagar	Bamanbera, Dhrangadhra
Vadodara	Fertilisernagar, Jawaharnagar, Nandesari, Ranol, Sakarda, Vadodara, Wadi Wadi
Valsad	Atul, Billimora, Valsad, Vapi
Haryana	
Ambala	Yamunanagar
Faridabad	Faridabad
Gurgaon	Gurgaon
Karnal	Karnal, Panipat
Sonipat	Murthal
Jammu & Kashmir	
Jammu	Baki Brahmana, Bari Brahmana, Jammu
Karnataka	
Bangalore	Bangalore, Hoskote, Kottigenanalli, Yeshwantpur
Bellary	Hagari
Chikmagalur	Kudremukh
Dakshin Kannad	Mangalore, Penambur
Dharwad	Hubli
Hassan	Hospet
Mandya	Belagula, Mandya
Mysore	Mysore
Raichur	Chicksugar
Shimoga	Bhadravati, Shimoga
Uttar Kannad	Karwar & Gokarna
Kerala	
Ernakulam	Ambalamugal, Binanipuram, Edapally, Travancore Eloor & Cochin
Kottayam	Chingavanam
Kozhikode	Calicut, Kozhikode
Malappuram	Malappuram
Palghat	Palghat
Quilon	Kottakkal, Quilon
Trichur	Irinjalakude
Trivandrum	Kazakuttam, Trivandrum
Madhya Pradesh	
Bhopal	Bhopal
Dewas	Dewas, Nagda
Durg	Bhilai, Kumhari
East Nimar	Khandwa, Nepa Nagar
Guna	Vijaypur
Indore	Indore
Jabalpur	Behraghat, Bhitoni
Raipur	Raipur
Ratlam	Ratlam
Shahdol	Amlai
Ujjain	Birlagram
Maharashtra	
Ahmadnagar	Ahmadnagar, Belapur, Pravaranagar, Rahuri Shivajinagar
Akola	Akola
Aurangabad	Aurangabad, Paithan
Dhule	Purshottam
Greater Bombay	Amboli, Andheri, Bhandup, Bombay, Chandivli, Chembur, Dadar, Deonar, Ghatkopar, Goregaon, Jogeshwari, Kandivali, Kurla, Lalbaug, Lawer Parel, Powai & Madh Island, Mahim, Mulund, Sakinaka, Sewri, Sion, Tardeo, Trombay, Vakola, Vikhroli, Vile Parle, Wadala, Worli

Industrial Locations (Contd.)

STATE/DISTRICT	MANUFACTURING TOWNS
CHEMICAL & PHARMACEUTICALS (Contd.)	
Jalgaon	Jalgaon, Panchor
Kolhapur	Sahunagar
Nagpur	Hingna Industrial Estate, Nagpur
Nanded	Nanded
Nashik	Bhausahebnagar, Nashik
Pune	Akurdi, Chinchwad, Nira, Pimpri, Pune
Raigarh	Khopoli, Nagothane, Panvel, Patalganga, Raigad, Rasayani, Roha, Taloja, Thal Vaishet
Ratnagiri	Lote Parshuram (Chiplun)
Thane	Ambernath, Balkum, Bhiwandi, Boisar, Dombivali, Ghansoli, Hingni, Kalwe, Kalyan, Kavesar, Kolshet, Majiwade, New Bombay, Patlipada, Saravali, Shahapur, Tarapur, Thane, Wado, Wardha
Orissa	
Cuttack	Cuttack, Paradeep
Dhenkanal	Talcher
Ganjam	Ganjam
Koraput	Thirumbadi
Mayurbhanj	Rairangpur
Puri	Near Bhubaneshwar
Sundargarh	Birmitrupar, Rourkela
Punjab	
Amritsar	Khasa
Bathinda	Bathinda
Faridkot	Jaitu
Hoshiarpur	Balachur, Hoshiarpur
Jalandhar	Jalandhar
Patiala	Dera Bassi, Rajpura
Rupnagar	Mohali, Nangal
Sangrur	Sanghera
Rajasthan	
Alwar	Alwar, Bhiwadi
Jaipur	Jaipur
Jodhpur	Jodhpur
Kota	Kota, Ladpura
Sawai Madhopur	Billopa, Sawai Madhopur
Tonk	Tonk
Udaipur	Debak, Debari, Udaipur
Tamil Nadu	
Chengalpattu	Ambattur, Avadi & Kaduvatti, Chromepet, Ennore, Manali
Coimbatore	Coimbatore, Sirumugal
Dharmapuri	Krishnagiri
Madras	Madras
Madurai	Madurai, Sholavandan
Nilgiri	Ootacamund
North Arcot	Arkonam, Katpadi, Ranipet, Vanthrangal
Ramanathapuram	Koviloor
Salem	Mettur, Mettur Dam
South Arcot	Cuddalore, Tindivanam
Tiruchchirappalli	Tiruchchirappalli
Tirunelveli	Sahupuram, Sankarnagar, Tuticorin
Uttar Pradesh	
Aligarh	Salempur
Allahabad	Jhansi & Naini, Phulpur
Bara Banki	Bara Banki
Bareilly	Bareilly, Clutterbuckgunj
Bijnor	Seabara
Budaun	Babrala
Bulandshahr	Bulandshahr
Dehra Dun	Dehra Dun, Mussoorie, Rishikesh
Deoria	Deoria
Etah	Etah
Etawah	Auraiya
Ghaziabad	Ghaziabad, Modinagar, Shahibabad
Gorakhpur	Gorakhpur
Jhansi	Jhansi
Kanpur	Kanpur, Panki

STATE/DISTRICT	MANUFACTURING TOWNS
CHEMICAL & PHARMACEUTICALS (Contd.)	
Lucknow	Lucknow
Mathura	Mathura
Mirzapur	Renukot
Moradabad	Gajaraula
Rampur	Bilaspur
Shahjahanpur	Rosa, Shahjahanpur
Sitapur	Hargaon
Sultanpur	Jagdishpur
Unnao	Magarwara
Varanasi	Sahapuri
West Bengal	
Barddhaman	Asansol, Durgapur
Calcutta	Behala, Calcutta, Panihati & Maniktala
Haora	Haora, Goabaria
Hugli	Konnagar, Rishra, Serampore, Sibpur, Tribeni & Bansberia
Medinipur	Haldia
Twentyfour Parganas	Birlapur, Budge Budge, Garia, Khardah, Kossipur, Naihati
West Dinajpur	Baidynath
Chandigarh	
Chandigarh	Chandigarh
Delhi	
Delhi	Delhi, Okhla, Palam Airport
Pondicherry	
Pondicherry	Kalapet, Mettapalyam
FOOD PRODUCTS	
Andhra Pradesh	
Anantapur	Sudhanagar
Chittoor	Chittoor
East Godavari	Chelluru, Rajahmundry, Samalkot
Guntur	Chagalla, Ganapavaram, Guntur, Vadlamudi
Hyderabad	Hyderabad, Secunderabad
Karimnagar	Muthyampet, Vuyyuru
Medak	Madhunagar
Nalgonda	Kodad
Nizamabad	Shakarnagar
Prakasam	Chirala
Vishakhapatnam	Vishakhapatnam
West Godavari	Chagallu, Tadepalligudem, Tanuku & Kovvur, Venkatarayapuram
Assam	
Lakhimpur	Aira Estate
Bihar	
Bhagalpur	Bhagalpur
Madhubani	Pandaul
Pashchim Champaran	Bettiah, Charpatia, Harinagar, Jogapatti, Mayhaula, Narkatiaganj, Ramnagar
Purba Champaran	Motihar
Ranchi	Ranchi
Rohtas	Dalmianagar
Saharsa	Supaul
Samastipur	Barrah
Saran	Hathua, Marhowrah
Siwan	Siwan
Goa	
Goa	Margao, Vasco-De-Gama
Gujarat	
Ahmadabad	Ahmadabad, Naroda, Rakhial
Amreli	Amreli
Bharuch	Palej
Bhavnagar	Bhavnagar, Mahuva
Jamnagar	Jamnagar, Singhach
Junagadh	Junagadh, Kodinar, Manvardar, Porbandar
Kachchh	Ramania
Kheda	Kheda
Panch Mahals	Dahod, Panch Mahals
Rajkot	Dhoraji, Khandheri, Rajkot
Surat	Bardoli, Chaltan, Madhi, Surat, Udhna, Vyaro-Paniari, Walod
Valsad	Gamdevi, Vapi

STATE/DISTRICT	MANUFACTURING TOWNS
FOOD PRODUCTS (Contd.)	
Haryana	
Ambala	Yamunanagar
Hisar	Fatehabad
Jind	Jind
Karnal	Panipat
Kurukshetra	Shahbad-Thaneswar
Rohtak	Rohtak
Sonipat	Bahalgarh, Kandli, Rasoi
Himachal Pradesh	
Mandi	Sainj
Jammu & Kashmir	
Baramula	Baramula
Srinagar	Srinagar
Karnataka	
Bangalore	Bangalore
Belgaum	Belgaum, Chikodi, Hubli, Sankeshwar, Ugar-Khurd
Bellary	Hospet
Bidar	Hallikhed
Bijapur	Saidpur
Dakshin Kannad	Mangalore, Puttur
Dharwad	Hubli
Hassan	Hassan
Kodagu	Kodagu
Kolar	Kolar
Mandya	Mandya
Mysore	Mysore
Raichur	Munirabad, Pragati Nagar
Shimoga	Harige
Tumkur	Tumkur
Kerala	
Cannanore	Tellichery
Ernakulam	Angamally
Quilon	Kundara
Trichur	Chalakudy
Madhya Pradesh	
Bhopal	Bhopal
East Nimar	Khandwa
Gwalior	Gwalior
Indore	Indore
Jabalpur	Jabalpur
Sehore	Sehore
Ujjain	Ujjain
Vidisha	Hoshangabad
Maharashtra	
Ahmadnagar	Ahmadnagar, Bhende Burruk, Gautamnagar, Harigaon, Koregaon, Lakshmiwadi, Pravaranagar, Ranjangaon, Shivajinagar, Shrigonda, Tilaknagar
Akola	Akola, Risod
Amravati	Achalpur, Amravati, Chandur
Aurangabad	Aurangabad, Raghunathpur, Sillod
Bid	Bid
Buldana	Malkpur
Dhule	Bhadne, Purshottam, Shahada, Shirpur
Greater Bombay	Bhardup, Bombay, Goregaon, Mazgaon, Mulund, Tardeo, Wadala, Vile Parle
Jalgaon	Amalner, Bhoras, Jalgaon, Kasoda, Panchor, Yawal
Kolhapur	Birdri, Ganganagar, Ichalkaranji, Kaditre, Kamathe, Kasba, Kolhapur, Shiroli, Warananagar
Nagpur	Monda, Nagpur
Nashik	Bhausahebnagar, Kakasahebnagar, Malegaon, Ravalgaon, Pimpalas
Osmanabad	Dheki, Dhoki, Osmanabad
Parbhani	Vadakalas
Pune	Bhawani Nagar, Chinchwad, Induri, Malegaon, Pune, Someshwar Nagar, Theor
Raigarh	New Bombay
Sangli	Atpadi, Sakharale, Sangli
Satara	Marali, Phaltan, Shivnagar, Wai

Industrial Locations (Contd.)

FOOD PRODUCTS (Contd.)

STATE/DISTRICT	MANUFACTURING TOWNS
Solapur	Akaluj, Dhamangaon, Malkapur, Pandharpur, Shreepur, Solapur
Thane	Ghansoli, Pakhadi, Panch, Thane
Yavatmal	Pusad
Orissa	
Cuttack	Badamba
Ganjam	Aska
Koraput	Rayagada
Puri	Kurda, Nayagarh
Sambalpur	Tharsuguda
Punjab	
Amritsar	Taran
Faridkot	Moga
Gurdaspur	Pandar
Hoshiarpur	Hoshiarpur
Jalandhar	Nakoda
Ludhiana	Ludhiana, Samrala
Patiala	Bahadurgarh, Nabha, Rajpura
Rajasthan	
Bharatpur	Bharatpur
Bhilwara	Bhilwara
Ganganagar	Sriganganagar, Sangaria, Kasrisinghpur
Jaipur	Jaipur
Tamil Nadu	
Chengalpattu	Ennore, Paladam
Coimbatore	Appakudal, Coimbatore, Tudiyalu
Dharmapuri	Dharmapuri, Palacode
Madras	Madras
Madurai	Nilakottai, Sholavandan
Periyar	Satyamangalam
Salem	Mahanur
South Arcot	Mundiyampakkam, Nellikuppam, Villupuram, Vridachalam
Thanjavur	Vedaraniyam
Tiruchchirappali	Kattur, Pugalur, Tiruchchirappalli, Trichy
Uttar Pradesh	
Aligarh	Aligarh, Satha
Azamgarh	Sathiaon
Bahraich	Bahriach, Nandara
Ballia	Rasra
Bara Banki	Burhwal
Bareilly	Baheri
Basti	Amroha, Basti
Bijnor	Bijnor, Dhampur, Hempur, Seabara
Budaun	Sheikhupur
Bulandshahr	Jahangirabad
Deoria	Gangeshwar, Gauri Bana, Kathkuiyam, Padrapuna, Pratappur, Ramkota, Seorahi
Etah	Etah
Farrukhabad	Kaimganj
Ghaziabad	Ghaziabad, Modinagar, Simbhaoli
Gonda	Balrampur, Tulsipur
Gorakhpur	Pipraich, Sardarnagar
Kanpur	Kanpur
Kheri	Golagokarannath, Paliakalan
Mathura	Chhata
Meerut	Mawana, Meerut, Mohiuddinpur
Moradabad	Amroha, Chandausi
Muzaffarnagar	Khotauli, Mansurpur, Shamli
Naini Tal	Bazpur, Kashipur, Kichha, Nadehi, Sifarganj
Pilibhit	Majhola
Rampur	Rampur
Saharanpur	Deoband, Dikhanj, Gangeshwar, Jabalpur, Sarsawa
Shahjahanpur	Rosa, Tilhar
Sitapur	Hargaon
Varanasi	Aurai, Varanasi
West Bengal	
Calcutta	Calcutta
Haora	Howrah, Sibpur
Hugli	Rishra
Jalpaiguri	Jalpaiguri
Twentyfour Parganas	Belgharia, Budge Budge, Gosaha
Chandigarh	
Chandigarh	Chandigarh
Delhi	
Delhi	Delhi
Pondicherry	
Pondicherry	Ariyur, Oreleans

LEATHER, RUBBER & PLASTIC PRODUCTS

Andhra Pradesh	
Guntur	Mangalagiri
Hyderabad	Hyderabad
Mahbubnagar	Thimmapur
Rangareddi	Vallabhnagar
Vishakhapatnam	Venketapura, Vishakhapatnam
Assam	
Goalpara	Goalpara
Bihar	
Patna	Bataganj & Mokamehghat
Goa	
Goa	Goa
Gujarat	
Bharuch	Ankleshwar, Palej, Panoli
Kheda	Kheda, Mehmedabad
Mahesana	Kadi
Panch Mahals	Halol, Kalol, Panchmahals
Rajkot	Rajkot
Vadodara	Nandesari
Valsad	Billimora
Haryana	
Faridabad	Faridabad
Gurgaon	Ballabgarh, Dharuhera
Hisar	Mayur
Sonipat	Rai
Karnataka	
Bangalore	Bangalore Nagasandra, Peenya, Yeshwantpur
Belgaum	Hukkari
Mysore	Metagalli, Mysore
Kerala	
Cannanore	Baliapatam
Idukki	Cholai, Devikulam, Peermade, Udampan,
Kottayam	Kottayam
Malappuram	Malappuram
Quilon	Pathanamthitta, Pathanapura
Trichur	Perambra
Trivandrum	Peroorkada, Trivandrum
Madhya Pradesh	
Dewas	Dewas
Maharashtra	
Aurangabad	Aurangabad, Chikhalthana, Gevral
Chandrapur	Chandrapur
Greater Bombay	Bhandup, Bombay, Goregaon, Jogeshwari, Kandivli, Kurla, Sewri, Vile Parle,
Jalgaon	Jalgaon
Nagpur	Nagpur
Nashik	Nashik, Satpur
Pune	Pune, Telegaon
Raigarh	Taloja
Satara	Satara
Thane	MIDC Estate & Kolshet, Tarapur, Thane
Orissa	
Baleshwar	Baleshwar
Puri	Bhubaneshwar
Punjab	
Amritsar	Chhehorta
Hoshiarpur	Hoshiarpur
Ludhiana	Ludhiana
Rajasthan	
Sirohi	Mount Abu
Udaipur	Kankorli

LEATHER, RUBBER & PLASTIC (Contd.)

STATE/DISTRICT	MANUFACTURING TOWNS
Tamil Nadu	
Chengalpattu	Ambattur, Manali, Pallavaram Tiruvottiyur
Madras	Madras
Madurai	Kochadai, Kodaikanal, Madurai
North Arcot	Arkonam, Ranipet, Wallajahpet
Salem	Mettur Dam
Uttar Pradesh	
Bareilly	Bareilly, Bhitaura
Bulandshahr	Salempur, Sikandrabad
Fatehpur	Fatehpur
Ghaziabad	Sahibabad
Kanpur	Kanpur
Naini Tal	Kumon Hills
Sultanpur	Amethi, Jagdishpur
West Bengal	
Calcutta	Calcutta, Kharagpur
Hugli	Chakundi, Rishra, Sahaganj
Medinipur	Haldia
Twenty-four Parganas	Batanagar, Panihati, Kankinara
Pondicherry	
Pondicherry	Pondicherry
Dadra & Nagar Haveli	Selwas

TEXTILE INDUSTRY

Andhra Pradesh	
Adilabad	Adilabad, Sirpur
Anantapur	Anantapur, Kirikera, Kodigenaballi, Tadepah
Chittoor	Chittoor
East Godavari	Kakinada
Guntur	Guntur
Hyderabad	Hyderabad, Secunderabad
Kurnool	Adoni
Mahbubnagar	Kalwakuthy
Medak	Medak
Vishakhapatnam	Chitavalsah, Vishakhapatnam
Vizianagaram	Nellimara, Vizianagaram
Warangal	Kamlapuram, Warangal
Assam	
Cachar	Chandrapore
Darrang	Chariduwar
Kamrup	Kamrup, Natkuchi
Nowgong	Jogi Road, Nowgong
Bihar	
Gaya	Gaya
Katihar	Katihar
Patna	Mokameh
Purnia	Forbesganj, Kishanganj, Purnia
Samastipur	Muktapur
Siwan	Siwan
Goa	
Goa	Goa
Gujarat	
Ahmadabad	Ahmadabad, Gomtipur, Kankaria, Maninagar, Mehmedabad, Mithipur, Naroda Road, Raikhad, Rajpur Road, Rakhial Road, Shahibag, Saraspur, Viramgam
Bharuch	Ankleshwar, Bharuch
Bhavnagar	Bhavnagar
Jamnagar	Jamnagar
Junagadh	Porbandar, Veraval
Kachchh	Kandla, Nadiad, Petlad
Kheda	Nadiad, Petlad,
Mahesana	Laxmipura, Kalol, Mahesana
Rajkot	Morbi, Rajkot
Surat	Surat, Udhna
Vadodara	Petrofils, Vadodara
Haryana	
Bhiwani	Bamla
Faridabad	Faridabad
Hisar	Bhiwani, Fatehabad, Hissar

Industrial Locations (Contd.)

TEXTILE INDUSTRY (Contd.)

STATE/DISTRICT	MANUFACTURING TOWNS
Jind	Jind
Mahendragarh	Dharuher, Rewari
Himachal Pradesh	
Hamirpur	Barotiwala, Malagarh, Solan
Jammu & Kashmir	
Jammu	Jammu
Kathua	Kathua
Srinagar	Rambagh
Karnataka	
Bangalore	Bangalore
Belgaum	Gokak Falls
Bidar	Bidar
Dharwad	Gadag, Harihar, Hubli
Gulbarga	Gulbarga
Hassan	Belur
Mysore	Nanjangud
Kerala	
Alleppey	Komalapuram
Cannanore	Cannanore
Eranakulam	Ermathala
Kozhikode	Mavoor
Palghat	Kanikoda
Trichur	Koratti, Trichur
Trivandrum	Nedumangal, Trivandrum
Madhya Pradesh	
Bhopal	Balgarh, Bhopal
East Nimar	Burhanpur
Gwalior	Birlanagar, Gwalior
Indore	Indore
Jhabua	Meghnagar
Raisen	Raisen
Rajnandgaon	Rajnandgaon
Ratlam	Ratlam
Shahjapur	Shajapur
Ujjain	Nagda, Ujjain
Maharashtra	
Ahmadnagar	Ahmadnagar
Akola	Akola
Aurangabad	Aurangabad, Khamgaon
Dhule	Navapur
Greater Bombay	Bombay, Borivli, Byculla, Cinchpokli, Chembur, Dadar, Ghatkopar, Goregaon, Kurla, Lalbaug, Lower Parel, Mazagaum, Naigaum, Parel, Prabhadevi, Sakinaka, Vikhroli, Worli,
Jalgaon	Jalgaon, Kolhapur
Kolhapur	Kolhapur
Nagpur	Nagpur
Nanded	Nanded
Osmanabad	Latur
Pune	Bhosari, Chinchwad, Haveli, Pimpri, Pune
Raigarh	Khopoli Karsundi, Mahad, Patalganga, Roha
Ratnagiri	Ratnagiri
Sangli	Madhavnagar
Solapur	Barsi, Sangola, Solapur
Thane	Ambernath, Jaykaygram, Kalyan, Tarapur, Thane
Wardha	Hinganghat, Wardha
Yavatmal	Yavatmal
Orissa	
Cuttack	Chowdar, Cuttack
Dhenkanal	Baulpur
Punjab	
Amritsar	Amritsar, Chhehoria,
Bathinda	Doomwali
Faridkot	Abohar, Malout
Gurdaspur	Dhariwal
Hoshiarpur	Chohal, Hoshiarpur
Ludhiana	Ludhiana
Patiala	Kharar, Rajpura
Rupnagar	Kharar
Sangrur	Barnala, Malerkotla
Rajasthan	
Ajmer	Ajmer
Alwar	Alwar, Bhiwadi, Desula
Banswara	Banswara

TEXTILE INDUSTRY (Contd.)

STATE/DISTRICT	MANUFACTURING TOWNS
Bhilwara	Bhilwara, Kharigram, Raila
Jaipur	Jaipur, Podarpuri
Jhalawar	Bhiwani, Mandi, Pachpahar
Kota	Kota, Rangpur
Pali	Pali
Udaipur	Udaipur
Tamil Nadu	
Changalpattu	Ambattur, Kathirvedu, Manali
Coimbatore	Appakudal, Coimbatore, Ganapathy, Kaniyamuthur, Karamadai, Madathukulam, Palladam, Peelamedu, Pulankinar, Singanallur, Sirumugal, Sowri Palayam, Tiruppur, Udamalpet, Upplipalayam, Vadamathurai
Dharmapuri	Belathur, Dharmapuri
Madras	Madras, Perambur
Madurai	Dindigul, Kalyampathur, Kappallur, Madurai
Pudukkottai	Pudukkottai, Viralimalai
Ramanathapuram	Chettinad, Kamudakudi, Rajapalayam
Salem	Gandhinagar, Mettur Dam, Suramangalam
Thanjavur	Thanjavur
Tiruchchirappalli	Kathirvedu, Nanoparai
Tirunelveli	Ambasamudram, Ettayapuram, Kovilpatty, Shencottah, Tuticorin
Uttar Pradesh	
Aligarh	Hathras
Almora	Lal Kuan
Azamgarh	Maunath Bhanjan
Banda	Banda
Bara Banki	Barabanki
Bulandshahr	Bulandshahr, Sikandrabad
Faziabad	Akbarpur
Fatehpur	Fatehpur
Ghaziabad	Dasna, Modinagar, Ghaziabad, Sahibadad
Ghazipur	Ghazipur
Kanpur	Kanpur, Panki
Lucknow	Lucknow
Mathura	Mathura
Meerut	Modinagar
Moradabad	Gajaraula, Thakurdwara
Naini Tal	Lalkha, Naini Tal
Rae Bareli	Modigram, Rae Bareli
Rampur	Jwalanagar
Saharanpur	Saharanpur
Varanasi	Varanasi
West Bengal	
Bankura	Bankura, Barsul
Barddhaman	Barsul
Calcutta	Calcutta, Kanknaarrah, Kantalpara, Karmarhatty, Sarampur, Taratolla Road
Haora	Bally, Barnagore, Bauria, Chengail, Ghusuri, Howrah, Rajgunge Awdir, Sijberia, Sibpore
Hugli	Bansberia, Bhadreswar, Champdany, Gondalpara, Hoogly, Rishra, Samnuggur, Sibpore, Serampur
Medinipur	Tantigaria
Twentyfour Parganas	Birati, Birlapur, Bishnupur, Bhalpara, Budge, Jagatlal, Jegatdal, Harinagar, Hazinagar, Kamarhatty, Naihati, Panihati, Piragachha, Shamnagar, Talpukua, Titaghur, Twentyfour Parganas
Chandigarh	
Chandigarh	Chandigarh
Delhi	
Delhi	Delhi
Pondicherry	
Mahe	Mahe
Pondicherry	Modaliarpet, Nedungadu, Pondicherry

ELECTRICAL MACHINERY

STATE/DISTRICT	MANUFACTURING TOWNS
Andhra Pradesh	
Hyderabad	Cherlapalli, Hyderabad, Kukatpali
Krishna	Machilipatnam
Medak	Medak
Nellore	Andhra Kesarinagar
Vishakhapatnam	Vishakhapatnam
Bihar	
Ranchi	Ranchi
Singhbhum	Ghatsila, Jamshedpur
Goa	
Goa	Panji, Zuarinagar
Gujarat	
Ahmadabad	Ahmadabad, Maninagar, Naroda, Vatva
Kheda	Kheda, Mogar
Panch Mahals	Halol
Rajkot	Morvi, Wankaner
Vadodara	Samiala, Vadodara
Haryana	
Ambala	Panchkula
Faridabad	Faridabad
Gurgaon	Ballabhgarh, Dharuhera
Hisar	Hisar
Jind	Jind
Mahendragarh	Mahendragarh, Malpur, Rewari
Sonipat	Sonipat
Jammu & Kashmir	
Badgam	Badgam, Srinagar
Srinagar	Srinagar
Karnataka	
Bangalore	Bangalore, Byappanahalli, Islahalli, Modival Port, Rajajinagar, Settingere Village, Yeshwantpur
Dharwad	Hubli
Gulbarga	Gulbarga
Mysore	Mysore
Kerala	
Alleppey	Mannar
Palghat	Palghat
Quilon	Pathanamthitta
Trichur	Trichur
Trivandrum	Trivandrum
Madhya Pradesh	
Bhopal	Bhopal
Jabalpur	Deori
Raipur	Raipur
Raisen	Mandideep
Rewa	Udyog
Satna	Satna
Maharashtra	
Aurangabad	Aurangabad
Greater Bombay	Andheri, Bhandup, Bombay, Borivli, Jogeshwari, Kandivli, Kanjur, Madh Island, Mulund, Parel, Powai, Santacruz, Seepz, Wadala, Worli
Nagpur	Nagpur, Warora
Nashik	Ambad, Satpur
Pune	Chinchwad, Loni, Pimpri, Pune
Raigarh	Patalganga, Taloja
Satara	Khandala, Shirwal
Thane	Dombivali, Kolshet, Tarapur, Thane
Meghalaya	
East Khasi Hills	Barapani
Orissa	
Puri	Bhubaneshwar
Sambalpur	Bargarh, Hirakud
Punjab	
Amritsar	Goindwal Sahib
Hoshiarpur	Hoshiarpur
Patiala	Patiala, Rajpura
Rupnagar	Karar, Mohali
Rajasthan	
Alwar	Alwar
Jaipur	Jhotwara

Industrial Locations (Contd.)

STATE/DISTRICT	MANUFACTURING TOWNS
ELECTRICAL MACHINERY (Contd.)	
Kota	Cablenagar, Kota
Sirohi	Mount Abu
Tamil Nadu	
Chengalpattu	Ambattur, Porur, Pozhal
Dharmapuri	Hosur
Madras	Guindy, Madras
Pudukkottai	Kalathur, Mathur
South Arcot	Sevakuppam, Vadalur
Tiruchchirappalli	Tiruchchirappalli
Uttar Pradesh	
Agra	Agra
Allahabad	Naini
Bulandshahr	Sikandrabad
Dehra Dun	Dehra Dun
Garhwal	Garhwal
Ghaziabad	Dadri, Ghaziabad, Mankapur, Modinagar, Sahibabad
Jhansi	Jhansi
Kanpur	Kanpur
Lucknow	Lucknow
Mainpuri	Shikohabad
Mathura	Mathura
Meerut	Partapur
Naini Tal	Naini, Naini Tal
Rai Bareli	Rai Bareli
Saharanpur	Hardwar
West Bengal	
Barddhaman	Rupnarainpur
Calcutta	Calcutta, Cossipur, Dum Dum, Garden Reach, Narkeldanga, Salt Lake, Taratalla Road
Haora	Bauria
Medinipur	Haldia
Twentyfour Parganas	Budge Budge, Joka, Khardah, Shamnagar
Chandigarh	
Chandigarh	Chandigarh, Mohali
Delhi	
Delhi	Delhi, Kazkaji Industrial Estate

METAL PRODUCTS

Andhra Pradesh	
Adilabad	Adilabad
Cuddapah	Cuddapah
Hyderabad	Hyderabad, Kukatpally, Lingampally, Secunderabad, Uppal Road
Khammam	Kojhagudam, Manuguru, Palonda
Krishna	Vijaywada
Medak	Medak, Pattancheru, Rudrarum, Zaheerabad
Nalgonda	Nagarjunasagar
Nellore	Sulurpet
Rangareddi	Medchal
Srikakulam	Srikakulam
Vishakhapatnam	Malkapuram, Vishakhapatnam
Vizianagaram	Shreeramnagar
Warangal	Warangal
Bihar	
Dhanbad	Bokaro, Dhanbad, Kumardhubi, Tundoo
Hazaribag	Bokaro, Patratu
Muzaffarpur	Muzaffarpur
Patna	Mokameh
Ranchi	Ranchi
Samastipur	Muktapur
Singhbhum	Adityapur, Chandil, Ghatsila, Golmuri, Indranagar, Jamshedpur
Goa	
Goa	Shiroda
Gujarat	
Ahmadabad	Ahmadabad, Dehagam, Kali, Kankaria, Lambha, Sardarnagar, Vatawa, Vatva
Bharuch	Ankleshwar, Bharuch, Dahej, Narmadanagar, Panoli
Bhavnagar	Bhavnagar
Kheda	Kanjeri, Karamsad

STATE/DISTRICT	MANUFACTURING TOWNS
METAL PRODUCTS (Contd.)	
Mahesana	Mahesana
Panch Mahals	Kalol
Surat	Hazira, Mora Choryasi, Surat, Udhna
Surendranagar	Limbdi
The Dangs	The Dangs
Vadodara	Baroda, Chhani, Vadodara
Haryana	
Ambala	Pinjore, Sahabadpur, Yamunanagar
Bhiwani	Bhiwani
Faridabad	Faridabad
Gurgaon	Amarnagar, Ballabgarh, Mujesar
Hisar	Hissar
Jind	Jind, Zafarbagh
Mahendragarh	Dharuhera, Mahendragarh, Rewari
Rohtak	Bahadurgarh
Sonipat	Kundli, Ganaur, Murthal
Himachal Pradesh	
Kullu	Kullu
Sirmaur	Rampur
Solan	Parwanoo
Karnataka	
Bangalore	Bangalore, Krishnarajapuram, Mahadevapupra, Rajajinagar, Yelahanka
Belgaum	Belgaum
Bellary	Kariganur, Hospet, Vijaynagar
Bidar	Bidar
Dakshin Kannad	Baikampady, Mangalore, New Mangalore
Dharwad	Dharwad, Karur, Hubli, Hurli, Sattar
Gulbarga	Gulbarga, Shahabad
Kolar	Bangarpeth, Kolar
Mysore	Belwadi, Mysore
Raichur	Taloja
Shimoga	Bhadravati, Shimoga
Kerala	
Ernakulam	Binanipuram, Ernakulam
Kozhikode	Nellalam Feroke
Quilon	Kundara
Trichur	Athani
Madhya Pradesh	
Bhopal	Bhopal
Dewas	Dewas
Dhar	Badnawar, Pithampur
Durg	Bhilai
Gwalior	Birlanagar
Indore	Indore
Morena	Morena
Raipur	Chalisgarh, Raipur
Ratlam	Dosigaon, Ratlam
Ujjain	Ujjain
Maharashtra	
Ahmadnagar	Ahmadnagar
Aurangabad	Aurangabad, Chikhalthana, Gangapur, Paithan
Bhandara	Tumsur
Chandrapur	Chanda Hill Road, Chandrapur
Greater Bombay	Andheri, Bhandup, Bombay, Borivli, Byculla, Chandivli, Chembur, Goregaon, Kalina, Kandivli Kanjur, Kurla, Lalbaug, Malad, Madh Island, Mahalaxmi, Mulund, Powai, Reay Road, Sion, Sewree, Trombay, Vidya Vihar, Vikhroli
Jalgaon	Jalgaon
Kolhapur	Kolhapur, Shiroli
Nagpur	Bagadganj, Hingna, Khandelwalnagar, Nagpur
Nanded	Nanded
Nashik	Nashik, Satpur
Pune	Akurdi, Chinchwad, Dapodi, Lonawala, Khadki, Kothrud, Mundhwa, Pimprai, Pune, Saswad, Walchandnagar

STATE/DISTRICT	MANUFACTURING TOWNS
METAL PRODUCTS (Contd.)	
Raigarh	Alibagh, Khopoli, Kolhapur, Raigad, Roha, Taloja
Ratnagiri	Kasarde, Kudal Pinghli, Ratnagiri
Sangli	Kirleskarwadi
Satara	karad, Satara
Solapur	Tikekarwadi.
Thane	Ambernath, Boisar, Dhige, Dombivali, Kalwe, Kolshet, Majiwada, Manpada, New Bombay, Thane, Tarapur, Ulhasnagar
Orissa	
Baleshwar	Randia
Cuttack	Chowdwar, Jaipur Road, Kyjang
Dhenkanal	Angul, Dhenkanal, Talcher
Kendujhar	Bamaripali, Bandnipal, Bilaspada, Barbil, Daitari, Keonjhar
Koraput	Therubali
Mayurbhanj	Rairangpur
Puri	Bhubaneshwar
Sambalpur	Hirakud
Sundargarh	Kalinga
Punjab	
Amritsar	Amritsar
Firozpur	Abohar
Hoshiarpur	Hoshiarpur, Chohal
Ludhiana	Kalan, Ludhiana
Patiala	Patiala, Bahadurgarh
Rupnagar	Asron, Mohali, Ropar
Sangrur	Jitwal Kalan, Malerkotla, Sangrur
Rajasthan	
Ajmer	Ajmer
Alwar	Alwar
Bharatpur	Bharatpur
Chittaurgarh	Parsoli
Jaipur	Jaipur
Jalor	Jolar
Jhunjhunun	Khetrinagar
Jodhpur	Jodhpur
Kota	Kota
Sikar	Sikar
Tonk	Rewari
Udaipur	Debari
Tamil Nadu	
Chengalpattu	Ambattur, Elavur, Ennore, Gummidipoondi, Padi, Pallavaram, Thoraipakkam, Tiruvottiyur, Trininravur, Trivellore
Coimbatore	Coimbatore, Ganapathy, Kaniyur, Singanallur, Tiruchi, Perianaikenpalayan
Dharmapuri	Hosur
Madras	Guindy, Madras, Nandambakkam, Perambur, Perangudi, Saidapet
Madurai	Madurai
North Arcot	Arkonam, Ranipet
Pudukkottai	Kalathur
Ramanathapuram	Krishnapuram, Sivakasi, Valinokkam
Salem	Mettur Dam, Salem
Thanjavur	Nagapatinam
Tiruchchirappalli	Tiruchchirappalli
Uttar Pradesh	
Allahabad	Allahabad, Amethi, Naini
Bulandshahr	Sikandrabad, Surajpur
Dehra Dun	Dehra Dun
Etah	Etah
Fatehpur	Fatehpur
Ghaziabad	Dadri, Ghaziabad, Meerut Road, Sahibabad, Modinagar
Kaunpur	Kanpur
Mathura	Mathura
Mirzapur	Renukoot
Rampur	Rampur
Unnao	Sonik

Industrial Locations (Contd.)

METAL PRODUCTS (Contd.)

STATE/DISTRICT	MANUFACTURING TOWNS
West Bengal	
Barddhaman	Burnpur, Durgapur, Kulti
Birbhum	Suri
Calcutta	Ballygunge, Calcutta, Kamarhatti, Kidderpore, Woodland Road
Haora	Andal Road, Belpur, Belur, Dankuni, Howrah, Liluah,
Hugli	Angus & Adisaptagram, Bamunari, Dhankuni, Hugli, Konnagar, Rajyadharpur, Rishra, Sahaganj, Serampore, Sibpore
Medinipur	Haldia
Puruliya	Tamna
Twenty Four Parganas	Agarpara, Belgharia, Doharia, Dum Dum, Khardah, Panihati, Salt Lake, Sakchal, Samnagar, Sodepore Sukchur, Talkhara
Chandigarh	
Chandigarh	Chandigarh
Delhi	
Delhi	Delhi, Shahdra

NON-ELECTRICAL MACHINERY

Andhra Pradesh	
Anantapur	Anantapur
Medak	Pattancheru
Goa	
Goa	Panaji
Gujarat	
Ahmadabad	Naroda
Kheda	Vidyanagar
Haryana	
Gurgaon	Dharuhera
Jammu & Kashmir	
Badgam	Badgam
Srinagar	Srinagar
Karnataka	
Bangalore	Bangalore, Rajajinagar
Dharwad	Attikola
Tumkur	Tumkur
Kerala	
Cannanore	Cannanore
Maharashtra	
Greater Bombay	Lalbaug
Pune	Pune
Thane	Mumbra, Thane
Punjab	
Rupnagar	Rupnagar
Rajasthan	
Ajmer	Ajmer
Tamil Nadu	
Madras	Perungudi
Madurai	Kodaikanal
Uttar Pradesh	
Dehra Dun	Dehra Dun
Ghaziabad	Sahibabad
Naini Tal	Ranibagh
West Bengal	
Haora	Haora
Andaman & Nicobar	
Andaman	Andaman

NON-METALLIC PRODUCTS

Andhra Pradesh	
Adilabad	Adilabad, Asifabad, Devapur, Mancherial
Anantapur	Rayalacheruvu
Chittoor	Tirupati
Cuddapah	Kalamalla, Yerraguntala
Guntur	Durgapuram, Kistna, Macherla, Petasannigamdle
Hyderabad	Hyderabad
Karimnagar	Basantnagar
Krishna	Jaggayapeta, Vijaywada
Kurnool	Ankereddipelli, Bugganipalli
Medak	Medak
Nalgonda	Bibinagar, Huzurnagar, Mahankaligudem, Mathampally, Mellachauvu, Miryalaguda, Rampurna, Wadapalli
Rangareddi	Tandur
Srikakulam	Takkali
Vishakhapatnam	Agnampudi, Porlupalem, Vishakhapatnam
Assam	
Goalpara	Golapara
Karbi Anglong	Bokajan
North Cachar Hills	Umrangshu
Bihar	
Bhojpur	Dumraon
Dhanbad	Dhanbad, Jharia, Kumardhubi, Sindri
Giridih	Bhandaridah
Hazaribag	Berdi-Begda, Bhurukunda, Jhumritalaiya, Marar
Palamu	Jagannathpur, Japle
Ranchi	Khalari
Rohtas	Banjari, Dalmianagar, Muri
Santhal Pargana	Jasidih
Singhbhum	Chaibasa
Gujarat	
Ahmadabad	Digvijaynagar, Rakhial
Amreli	Jafarabad
Banas Kantha	Banas Kantha
Bharuch	Ankleshwar
Bhavnagar	Mahuva
Jamnagar	Digvijaygram, Dwarka, Jamnagar, Sikka
Junagadh	Junagadh, Porbandar, Ranavar, Veraval
Kheda	Mehmedabad, Nadiad, Vallabh Vidyanagar
Rajkot	Morvi, Junagadh Distt., Parapipaliya, Wankaner
Sabar Kantha	Poshina
Surat	Magdalla
Surendranagar	Dhrangadhra, Surendranagar
Vadodara	Nandesari
Valsad	Dharmapur
Haryana	
Ambala	Bhupendra
Bhiwani	Charki Dadri
Gurgaon	Ballabgarh
Jind	Jind
Mahendragarh	Rewari
Rohtak	Bahadurgarh, Kassar
Sonipat	Selvi
Himachal Pradesh	
Chamba	Bina
Sirmaur	Rajban, Rajgarh, Paonte
Jammu & Kashmir	
Anantnag	Anantnag
Baramula	Baramula
Karnataka	
Bangalore	Bangalore, Malleswaram, Whitefield
Belgaum	Gokak
Bellary	Hospet
Bijapur	Bagalkot, Bijapur
Dharwad	Karur
Gulbarga	Chittapur, Kurkunta, Gulbarga, Malkhed, Shahabad, Wadi
Hassan	Hospet
Tumkur	Adiyapatna, Gubbi
Kerala	
Kottayam	Nattakam
Madhya Pradesh	
Damoh	Amlai, Narsingarh
Dewas	Amona, Nagda
Durg	Bhilai, Durg, Jamul
Jabalpur	Jabalpur, Kymore, Mehgaon
Mandsaur	Jawad, Neemuch
Raipur	Baikunth, Baloda, Chandi, Mandhar
Rewa	Naubasta
Satna	Maihar, Raghurajnagar, Satna
Sidhi	Gopal Banas, Sidhi
Maharashtra	
Aurangabad	Chikhalthana
Chandrapur	Awarpur, Chanda, Chandrapur, Manikgarh, Rajura
Greater Bombay	Andheri, Bhandup, Bombay, Borivli, Haybunder, Kandivali, Kurla & Mazagaum, Marol Naka, Parel, Wadala
Nagpur	Nagpur
Pune	Pune
Raigarh	Mora, Taloja
Ratnagiri	Ratnagiri
Thane	Kalwe, Thane, Tarapur
Yavatmal	Chanaka (NU)
Orissa	
Cuttack	Barang, Cuttuck
Dhenkanal	Dhankanal, Talcher
Koraput	Malkangiri, Sunk
Sambalpur	Bargarh, Belpahar, Hirakud
Sundargarh	Latkota, Rajgangpur, Rourkela, Sundargarh
Punjab	
Bathinda	Bhatinda
Hoshiarpur	Hoshiarpur
Rajasthan	
Ajmer	Beawar
Alwar	Behilol
Bharatpur	Dholpur
Bhilwara	Bhilwara
Bundi	Lakheri
Chittaurgarh	Chittaugarh, Nimbahera, Parsoli, Shambhupura
Kota	Adityapur, (Kotah), Ladpura, Ramgandmani
Nagaur	Gotan
Sawai Madhopur	Sawai Madhopur
Sikar	Neem-ka-Thana
Sirohi	Basantgarh, Pindwara, Sirohi
Udaipur	Udaipur
Tamil Nadu	
Chengalpattu	Ambattur, Tiruvottiyur
Coimbatore	Coimbatore, Madukkarai, Mettupalayam
Dharmapuri	Hosur
Madras	Madras
Madurai	Vedasandur
North Arcot	Arkonam, Ranipet
Ramanathapuram	Alangulam, Ramasamyarjaenagar
Salem	Salem, Sankari
South Arcot	Vadalur
Tiruchchirappalli	Ariyalur, Dalmiapuram, Mayanur, Paliyur Village
Tirunelveli	Sankarnagar
Uttar Pradesh	
Allahabad	Iradatganj, Naini
Banda	Banda
Bareilly	Bareilly
Bijnor	Dhampur
Dehra Dun	Kalsi & Bharuwala, Rishikesh
Ghaziabad	Kanpur Dehat, Shahibabad
Mathura	Koshi
Pithoragarh	Devalthal
West Bengal	
Barddhaman	Burnpur, Durgapur, Kulti
Calcutta	Alambazar, Ariada, Calcutta, Salt Lake, Taratala
Hugli	Bansberia, Dhenkuni, Konnagar, Rishra
Puruliya	Madhukunda
Twenty four Parganas	Budge Budge, Sodepur
Delhi	
Delhi	Delhi
Pondicherry	
Pondicherry	Pondicherry
Yanam	Yanam

Industrial Locations (Contd.)

PAPER PRODUCTS

STATE/DISTRICT	MANUFACTURING TOWNS
Andhra Pradesh	
Adilabad	Adilabad
East Godavari	Kakinada, Rajahmundry
Hyderabad	Hyderabad
Khammam	Sarapaka
Kurnool	Vasant Nagar
Medak	Pattancheru
Rangareddi	
Warangal	Kamalapuram
West Godavari	Vendra
Assam	
Cachar	Panchgram
Goalpara	Jogighopa
Nowgong	Jogi Road
Bihar	
Darbhanga	Rameshwarnagar
Pashchim Champaran	Betiah, Kumarbagh
Rohtas	Dalmianagar
Saharsa	Baijnathpur
Goa	
Goa	Goa
Gujarat	
Ahmadabad	Ahmedabad
Bharuch	Ankleshwar, Palej
Surat	Gunasada, Utran
Valsad	Billimora, Khadki, Vapi
Haryana	
Ambala	Jagadhri, Yamunanagar
Faridabad	Faridabad
Mahendragarh	Sehgalnagar
Sonipat	Kundli
Karnataka	
Bangalore	Bangalore, Nelamangale
Mandya	Belagula
Mysore	Nanjangud
Shimoga	Bhadravati
Uttar Kannad	Dandeli
Kerala	
Kottayam	Kottayam, Velloor
Quilon	Punalur
Madhya Pradesh	
Bhopal	Bhopal
East Nimar	Burhanpur, Nepa Nagar
Shahdol	Amlai
Maharashtra	
Aurangabad	Paithan
Bhandara	Gondia
Chandrapur	Ballarpur
Dhule	Shahada
Greater Bombay	Bhandup, Bombay, Powai & Madh Island, Prabhadevi
Jalgaon	Bhusawal
Nagpur	Nagpur
Nanded	Nanded
Nashik	Nashik
Raigarh	Khopoli, Roha
Satara	Khandala
Thane	Thane
Nagaland	
Mokokchung	Tuli
Orissa	
Cuttack	Chowdar
Kalahandi	Kesinga
Koraput	Jaykaypur
Sambalpur	Brajrajnagar
Punjab	
Hoshiarpur	Banah, Hoshiarpur
Sangrur	Sangrur
Tamil Nadu	
Chengalpattu	Tiruvottiyur
Coimbatore	Coimbatore, Sirumugal
Madras	Madras
Madurai	Madurai
Ramanathapuram	Virudhunagar
Salem	Pallipalayam
Uttar Pradesh	
Almora	Lal Kuan
Bijnor	Dhampur
Ghaziabad	Ghaziabad
Moradabad	Gajaraula
Naini Tal	Naini Tal
Saharanpur	Saharanpur
West Bengal	
Barddhaman	Raniganj
Calcutta	Alambazar, Calcutta
Hugli	Chandrahati
Twenty Four Parganas	Kankinara, Kossipur, Titaghur
Delhi	
Delhi	Delhi
Pondicherry	
Pondicherry	Pillarkuppam

TRANSPORT EQUIPMENT

STATE/DISTRICT	MANUFACTURING TOWNS
Andhra Pradesh	
Anantapur	Anantapur
Hyderabad	Hyderabad
Medak	Pattancheru, Zaheerabad
Vishakhapatnam	Gandhigram, Vishakhapatnam
Bihar	
Munger	Jamalpur
Muzaffarpur	Muzaffarpur
Patna	Mokameh
Ranchi	Ranchi
Singhbhum	Jamshedpur
Goa	
Goa	Goa, Sannoale, Tolani, Vasco-da-Gama
Gujarat	
Ahmadabad	Maninagar, Odhav
Panch Mahals	Kalol
Vadodara	Vadodara
Haryana	
Ambala	Pinjore
Gurgaon	Ballabgarh, Dharuhera, Gurgaon, Seekri
Hisar	Hissar
Jind	Jind
Mahendragarh	Rewari
Sonipat	Sonipat
Himachal Pradesh	
Solan	Parwanoo, Solan
Karnataka	
Bangalore	Adugodi, Bangalore, Doddaballapur
Bidar	Bidar
Mandya	Maddur
Mysore	Belawadi, Mysore
Kerala	
Ernakulam	Cochin
Trichur	Perambra
Madhya Pradesh	
Dewas	Dewas
Dhar	Dhar, Pithampur
Indore	Pithampur
Maharashtra	
Ahmadnagar	Ahmadnagar, Kedgaon.
Aurangabad	Aurangabad, Chikhalthana, Valuj
Bhandara	Bhandara, Sakoli.
Greater Bombay	Andheri, Bhandup, Bombay, Ghatkopar, Kurla, Mazagon, Wadala
Nashik	Madhasanghvi, Nashik, Satpur
Pune	Akurdi, Haveli, Pune, Urwade.
Raigarh	Karjat, Nhava-Sheva
Satara	Satara, Satara Road
Thane	Dombivali, Kausa, Manpada, Tarapur
Orissa	
Koraput	Koraput.
Punjab	
Hoshiarpur	Hoshiarpur
Ludhiana	Dhanderi, Ludhiana
Rupnagar	Mohali, Ropar
Rajasthan	
Alwar	Alwar
Bharatpur	Bharatpur.
Tamil Nadu	
Chengalpattu	Ambattur & Avadi, Ennore, Padi, Perunguluthur
Dharmapuri	Hosur
Madras	Madras, Perambur, Thiriperumbuddur
North Arcot	Ranipet.
Pudukkottai	Pudukkottai.
Tiruchchirappalli	Ponamali, Tiruchchirappalli
Uttar Pradesh	
Bulandshahr	Sikandrabad.
Deoria	Deoria.
Etah	Etah
Ghaziabad	Dadri, Ghaziabad, Sahibabad, Surajpur
Kanpur	Kanpur
Lucknow	Goela, Lucknow, Sarojininagar
Meerut	Meerut, Modipuram
Moradabad	Gajaraula
Pratapgarh	Pratapgarh
Rae Bareli	Salsa
Sitapur	Sitapur.
Sultanpur	Jagdishpur, Korwa
Varanasi	Varanasi.
West Bengal	
Barddhaman	Asansol, Burnpur, Chittaranjan, Durgapur, Raniganj
Calcutta	Calcutta, Kamarhutty
Darjiling	Siliguri
Haora	Angus, Sahaganj, Uttarpara
Medinipur	Kharagpur
Twentyfour Parganas	Garden Reach, Kanyanagar

WOOD PRODUCTS

STATE/DISTRICT	MANUFACTURING TOWNS
Arunachal Pradesh	
Dibang Valley	Bizari
Tirap	Jairampur, Namchik
West Kameng	Bhalak Pong
Assam	
Sibsagar	Sibsagar
Gujarat	
Ahmadabad	Ahmadabad
Panch Mahals	Kalol
Kerala	
Cannanore	Baliapatam
Madhya Pradesh	
Betul	Betul
Bhopal	Bhopal
Maharashtra	
Greater Bombay	Andheri Kurla Road, Bhandup
Nashik	Ambad
Thane	Tarapur
Orissa	
Koraput	Koraput
Phulabani	Phulabani
Tamil Nadu	
Madras	Madras
West Bengal	
Calcutta	Calcutta
Twenty-four Parganas	Joka
Andaman & Nicobar	
Andaman	Andaman, Port blair

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ABBREVIATIONS

States: A.P —Andhra Pradesh; Ar.P—Arunachal Pradesh; Ass—Assam; Bih—Bihar; Goa—Goa; Guj—Gujarat; Har—Haryana; H.P—Himachal Pradesh; J&K—Jammu & Kashmir; Kar—Karnataka; Ker—Kerala; M.P—Madhya Pradesh; Mah—Maharashtra; Man—Manipur; Meg—Meghalaya; Miz—Mizoram; Nag—Nagaland; Ori—Orissa; Pun—Punjab; Raj—Rajasthan; Sik—Sikkim; T.N—Tamil Nadu; Tri—Tripura; U.P—Uttar Pradesh; W.B-West Bengal.
Union Territories: A&N—Andaman and Nicobar Islands; Chan—Chandigarh; DNH—Dadra & Nagar Haveli; D&D—Daman & Diu; Del—Delhi; Lak—Lakshadweep; Pon—Pondicherry.

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